ABOUT SIPES

LEADING

Subsequent to over 30 years of extensive experience, SIPES has become on insignia for business and homeowners in regard to interior and exterior painting solutions. SIPES is committed to serve clientele with integrity and excellence.

KNOWLEDGE & QUALITY

Through consummating up-to-date technology and innovations, together with a solid highly trained industry- leading Research & Development Team, SIPES gave precedence in the manufacture and export of paints and construction chemicals.

FIRST CHOICE

Based on leadership, in addition to the knowledge and quality we embrace; SIPES has become a front runner for individuals and interstate sovereign projects.

SIPES' quality brands and meritorious management pattern are constantly ennobled via the industry's utmost renowned certification and registration bodies.

ISO 14001
Trading of SN Registrars (Holdings) Ltd

ISO 9001
Trading of SN Registrars (Holdings) Ltd

ISO 45001
Trading of SN Registrars (Holdings) Ltd

EGAC
ISO/IEC 17025:2017

EMULSIONS

WATER BASED PAINTS

SIPES®

PREMIUM LINE

LATEX SEALER 1800
LATEX PUTTY
FLEXI PUTTY
HI KRAX
DURACRIL 7000
DURACRIL 6000
DURACRIL 5000
SI SHIELD MATT
SHIELD TEXTURE
SI STONE
SI TONE 700
SI TONE 800 EGGSHELL
SI TONE SILK
BOND 2000
HI TONE 2700
S7
S9
S9 BLACK
ACRY STAR
UNI MIX

LATEX SEALER 1800

EMULSIONS *Water Based Paints*

PRODUCT DESCRIPTION
Latex sealer 1800 is a high-quality sealer made of acrylic copolymer.

PRODUCT CHARACTERISTICS
- High penetration into surfaces and good adhesive strength.
- Good preparation for surfaces to receive the following coats.
- High resistance to water and alkalis.
- Easy application and High spreading rate.

(Produced in compliance with Ministerial Decree No. 181)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION
Final Appearance	Matt
Viscosity	105 ± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	1.36 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	34 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	20 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent	Water
% Dilution (by volume)	(20 – 25%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	20	30	25
Wet Film Thickness in Micron	45	70	57.5
Theoretical Spreading Rate (m²/liter)	11 - 17		14

LATEX SEALER 1800

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800

FOR OLD SURFACES
Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply: • 1 Coat Latex Sealer 1800

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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LATEX PUTTY

PRODUCT DESCRIPTION
Latex putty is a premium-quality putty made of acrylic copolymer with special additives. For outstanding performance and application properties.

PRODUCT CHARACTERISTICS
- Excellent whiteness.
- Excellent with sandability.
- Provides a very smooth layer.
- Excellent ability to fill porous surfaces and small holes.. etc.
- High consistency and ease of application.

(Complies with the Egyptian Standard Specification No. 6623)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Gel Strength	260 ± 10 gm/cm² (at 25°C temperature and 50% humidity)
Density	1.77 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	52 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	3 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	As needed
Application Tools	Putty knife and Steel Malg

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	95	140	117.5
Wet Film Thickness in Micron	183	270	225
Theoretical Spreading Rate (m²/Kg)	2 - 3		2.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

EMULSIONS *Water Based Paints*

LATEX PUTTY

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800
- 2 – 3 Coats Latex Putty.

FOR OLD SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply: • 1 or 2 Coats of Latex Putty.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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FLEXI PUTTY

PRODUCT DESCRIPTION
Flexi putty is a good quality water-based putty made of the acrylic copolymer to provide good performance and application properties.

PRODUCT CHARACTERISTICS
- Good whiteness.
- Excellent with sandability.
- Provides a very smooth layer.
- Homogeneous consistency.
- Extreme ease of application and Good workability.
- Very Good characteristics of filling porous surfaces and small holes .. etc.

(Complies with the Egyptian Standard Specifications No. 6623)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION
Final Appearance → Matt
Gel Strength → 340 ± 10 gm/cm² (at 25°C temperature and 50% humidity)
Density → 1.73 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume → 53 ± 2
Flash Point → Non flammable
Volatile Organic Compounds → 18 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent → Water
% Dilution (by volume) → As needed
Application Tools → Putty knife and Steel Malg

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	95	140	117.5
Wet Film Thickness in Micron	180	264	222
Theoretical Spreading Rate (m²/Kg)	2 - 3		2.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

EMULSIONS *Water Based Paints*

FLEXI PUTTY

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
• 1 Coat Swift Sealer/ Latex Sealer 1800 • 2 – 3 Coats Flexi Putty.

FOR OLD SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply: • 1 or 2 Coats of Flexi Putty.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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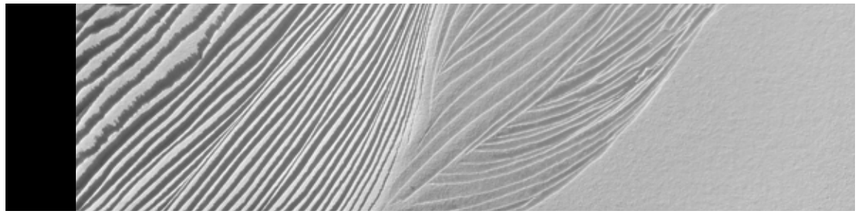

HI KRAX

PRODUCT DESCRIPTION
Hi krax is a high-quality crack filler made of 100% pure acrylic polymer and high-performance borosilicate additives.

PRODUCT CHARACTERISTICS
- Easy application.
- Excellent adhesive strength.
- Good ability to fill big holes on a single application due to smart technology.

(Produced in compliance with Ministerial Decree No. 181)

RECOMMENDED USE
Suits indoor and outdoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Consistency	Putty
Density	0.42 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	77 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	3 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	As needed
Application Tools	Putty knife

THEORETICAL SPREADING RATE
It depends on the nature, depth, and dimensions of the crack. The maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

EMULSIONS *Water Based Paints*

HI KRAX

RECOMMENDED COATING SYSTEM
- All cracks should be clean and free from dust, oil, fat...etc.
- Use putty knife to force Hi-Krax into the crack to obtain a clean and smooth surface.
- After 12 hours, apply the paint as usual.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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DURACRIL 7000

EMULSIONS *Water Based Paints*

PRODUCT DESCRIPTION

Duracril 7000 is a high-quality matt water-based paint, made of 100% pure acrylic polymer. It gives a smooth matt finish with excellent color retention and weather conditions in outdoor application. Available in white color and in a range of attractive colors.

PRODUCT CHARACTERISTICS

- Attractive matt appearance.
- Ease of application.
- Superior coverage and whiteness.
- Extreme resistance to water, alkalis, and the liming phenomenon.
- Excellent durability and high resistance to weather conditions.

(Complies with the Egyptian Standard Specifications No. 1539)

RECOMMENDED USE

Suits indoor and outdoor applications, and as a final coat on new or old surfaces of high-relief texture.

TYPE OF SURFACE

Concrete, Cementitious, and Gypsum surfaces.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	125 ± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	1.37 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	39 ± 2
Washing Resistance	More than 20000 washing cycles, in accordance with the Egyptian Standard Specifications No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	65 gm/ liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(10 – 15%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	77	102	90
Theoretical Spreading Rate (m²/liter)	10 - 13		11.50

DURACRIL 7000

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes
Re-coating	8 hours

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES

- 1 Coat Latex Sealer 1800/ Si Tech XTR S1 (indoor/ outdoor).
- 2 – 3 Coats Latex Putty/ Si Tech XTR Putty (indoor/ outdoor).
- 1 Coat Top Tone / S7 / Si Tech XTR U1 (indoor/ outdoor).
- 2 Coats Duracril 7000

FOR OLD SURFACES

Remove loose layers completely, then clean the surface with water and detergent. Make sure the surface is fully dry and soft then apply: • 1 Coat Top Tone/ S7 then, 2 Coats Duracril 7000 (indoor).
• 1 Coat Si Tech XTR U1 then, 2 Coats Duracril 7000 (outdoor).

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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DURACRIL 6000

EMULSIONS *Water Based Paints*

PRODUCT DESCRIPTION

Duracril 6000 is a high-quality semi-glossy water-based paint, made of 100% pure acrylic polymer. It gives an attractive semi-glossy finish with excellent color retention and weather conditions resistance in outdoor application Available in white color and in a range of attractive colors.

PRODUCT CHARACTERISTICS

- Semi-glossy with superior ability to retain gloss.
- Extreme resistance to water, alkalis, and chalking.
- Excellent durability and high resistance to weather conditions.
- Ease and flexibility of application.
- Excellent whiteness and high coverage.

(Complies with the Egyptian Standard Specifications No. 1539)

RECOMMENDED USE

Suits indoor and outdoor applications, and as a final coat on new or old surfaces of high-relief texture.

TYPE OF SURFACE

Concrete, Cementitious, and Gypsum surfaces.

TECHNICAL SPECIFICATION

Final Appearance	Semi-Glossy
Viscosity	125 ± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	1.38 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	42 ± 2
Washing Resistance	More than 20000 washing cycles, in accordance with the Egyptian Standard Specifications No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	60 gm/ liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(10 – 15%)
Application Tools	Roller, Brush, Airless Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	71.43	95	83
Theoretical Spreading Rate (m²/liter)	10 - 14		12

DURACRIL 6000

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes
Re-coating	8 hours

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES

- 1 Coat Latex Sealer 1800/ Si Tech XTR S1 (indoor/ outdoor).
- 2 – 3 Coats Latex Putty/ Si Tech XTR Putty (indoor/ outdoor).
- 1 Coat Top tone/ S7 / Si Tech XTR U1 (indoor/ outdoor).
- 2 Coats Duracril 6000

FOR OLD SURFACES

Remove loose layers completely, then clean the surface with water and detergent. Make sure the surface is fully dry and soft then apply: • 1 Coat Top Tone/ S7 then, 2 Coats Duracril 6000 (indoor).
• 1 Coat Si Tech XTR U1 then, 2 Coats Duracril 6000 (outdoor).

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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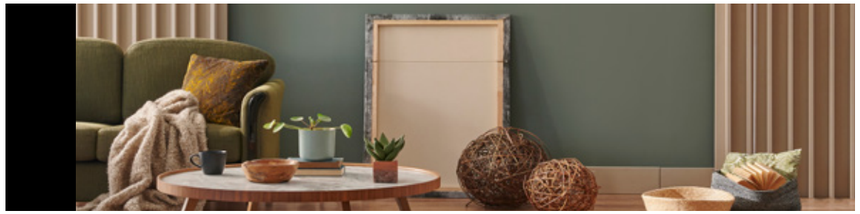

DURACRIL 5000

EMULSIONS *Water Based Paints*

PRODUCT DESCRIPTION

Duracril 5000 is a high-quality glossy water-based paint, made of acrylic polymer. It gives an attractive glossy finish with excellent color retention, and weather conditions resistance in outdoor application. Available in white color and in a range of attractive colors that could be realized by using paint bases for coloring machines. Artistic characteristics of colors differ with selected colors.

PRODUCT CHARACTERISTICS

- High gloss.
- High adhesion.
- Superior retention gloss.
- Extreme resistance to water and alkalis.
- Excellent whiteness and high coverage.
- Excellent durability and high resistance to weather conditions.

(Complies with the Egyptian Standard Specifications No. 1539)

RECOMMENDED USE

Suits indoor and outdoor applications, and as a final coat on new or old surfaces of high-relief texture.

TYPE OF SURFACE

Concrete, Cementitious, and Gypsum surfaces.

TECHNICAL SPECIFICATION

Final Appearance	Glossy
Viscosity	125 ± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	1.20 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	33 ± 2
Washing Resistance	More than 20000 washing cycles, in accordance with the Egyptian Standard Specifications No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	55 gm/ liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(15 – 20%)
Application Tools	Roller, Brush, Airless Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	90.9	121	106
Theoretical Spreading Rate (m²/liter)	8 - 11		9.5

DURACRIL 5000

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes
Re-coating	8 hours

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES

- 1 Coat Latex Sealer 1800/ Si Tech XTR S1 (indoor/ outdoor).
- 2 – 3 Coats Latex Putty/ Si Tech XTR Putty (indoor/ outdoor).
- 1 Coat top tone/ S7/ Si Tech XTR U1 (indoor/ outdoor).
- 2 Coats Duracril 5000

FOR OLD SURFACES

Remove loose layers completely, then clean the surface with water and detergent. Make sure the surface is fully dry and soft then apply: • 1 Coat Top Tone/ S7 then, 2 Coats Duracril 5000 (indoor).
• 1 Coat Si Tech XTR U1 then, 2 Coats Duracril 5000 (outdoor).

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI SHIELD MATT

PRODUCT DESCRIPTION
Si shield matt is a superior quality matt water-based paint, made of 100% pure acrylic polymer to provide excellent performance on outdoor surfaces. Available in white color and in a wide range of colors.

PRODUCT CHARACTERISTICS
- Excellent resistance to dust.
- High flexibility. It works as a bridge to conceal fine cracks.
- Excellent resistance to ultra-violet radiations, variable temperatures, and pollution.
- Extreme resistance to water, alkalis, and other weather conditions.
- Excellent resistance against Chloride Ions; and protects against concrete liming phenomenon (anti-carbonation).

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits outdoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	120 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color according to (ASTM D562-10 (2014))
Density	1.35 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color according to (ASTM D1475-13)
% Solids by Volume	39 ± 2 (for white color)
Washing Resistance	More than 20000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	81 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(15 – 20%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	76.9	102.6	89.75
Theoretical Spreading Rate (m²/liter)	9 - 13		11

EMULSIONS *Water Based Paints*

SI SHIELD MATT

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	30 minutes (minimum)
Re-coating for white color	4 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Si Tech XTR Sealer S1
- 1 Coat S7/ Si Tech XTR U1 (indoor/ outdoor).
- 2 – 3 Coats Si Tech XTR Putty.
- 2 Coats Si Shield Matt.

FOR OLD SURFACES
- Use sandpaper first, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry then follow the above application steps.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SHIELD TEXTURE

PRODUCT DESCRIPTION
Shield texture is a high-relief texture water-based paint, made of pure acrylic polymer 100% to provide excellent performance on outdoor surfaces. Available in white color and may be colorized to a range of other colors as needed.

PRODUCT CHARACTERISTICS
- Attain extremely attractive decorative assorted shapes by using different application tools.
- Excellent resistance to dust due to the advanced technology adopted therein.
- High flexibility. It works as a bridge to conceal fine cracks.
- Excellent resistance to ultra-violet radiations, variable temperatures, and pollution.
- Excellent barrier against Chloride Ions; and protects against chalking.
- Extreme resistance to water, alkalis, and other outdoor conditions.
- Good filling properties. Conceals surface defects.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits outdoor applications and as a final coat on new or old surfaces of high-relief texture.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt with high-relief texture
Gel Strength	110 ± 10 gm/cm² (at 25°C temperature and 50% humidity) for white color
Density	1.38 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color according to (ASTM D1475-13)
% Solids by Volume	50 ± 2 for white color
Flash Point	Non flammable
Volatile Organic Compounds	87 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(as needed for the required shape)
Application Tools	Roller (cotton, sponge, shaping rollers)

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	80	125	102.5
Wet Film Thickness in Micron	160	250	205
Theoretical Spreading Rate (m²/liter)	6	4	5

EMULSIONS *Water Based Paints*

SHIELD TEXTURE

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	30 minutes (minimum)
Re-coating for white color	4 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Si Tech XTR S1
- 1 Coat Si Tech XTR Undercoat U1
- 2 Coats Si Tech XTR Putty/ Latex putty (outdoor/ intdoor).
- 2 Coats Shield Texture.

FOR OLD SURFACES
- Remove loose layers completely, then clean the surface with water and detergent. Make sure that the surface is fully dry and soft then apply: • 2 Coats Shield Texture.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI STONE

PRODUCT DESCRIPTION

Si stone is a unique sandy decorative water-based paint made of high-quality water-based acrylic polymer. Si Stone is available in white color. It could be custom-colored in a wide range of colors.

PRODUCT CHARACTERISTICS

- Obtain extremely attractive assorted decorative forms by using different application tools.
- Coarse sand provides a good level of hardness.
- Fills gaps and conceals defects in walls.
- Excellent tolerance to outdoor weather conditions.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE

Suits Indoor and Outdoor applications.

TYPE OF SURFACE

Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt with high-relief texture
Gel Strength	180 ± 10 gm/cm² (at 25°C temperature and 50% humidity) for white color
Density	1.86 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color according to (ASTM D1475-13)
% Solids by Volume	68 ± 2 for white color
Flash Point	Non flammable
Volatile Organic Compounds	41 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(as required, dependent on desired shape)
Application Tools	Roller (cotton, sponge), Shaping Rollers, and special tools to obtain decorative effect

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	150	250	200
Wet Film Thickness in Micron	220.59	367.64	294.11
Theoretical Spreading Rate (m²/Kg)	4.5 – 2.5		3.5

EMULSIONS *Water Based Paints*

SI STONE

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	60 minutes (minimum)
Re-coating for white color	5 – 6 hours (minimum)

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES

- 1 Coat of Si Tech XTR S1.
- 1 – 2 Coats of Si Stone (in case two coats are applied, dilute the first coat).

FOR OLD SURFACES

- After sandpapering, clean the surface properly with suitable detergent and water. Let dry, then follow the above steps for application.

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TONE 700

PRODUCT DESCRIPTION
Si tone 700 is a premium quality water-based emulsion paint, made of Acrylic copolymer provide excellent washability, coverage and durability. Available in white and a wide range of colors to give outstanding matt finish.

PRODUCT CHARACTERISTICS
- Superior coverage and Excellent Brightness.
- Excellent resistance to chalking.
- Color stability.
- Excellent resistance to water and alkalis.
- High Durability and long-term endurance.
- High washability and adhesion properties.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc.

TECHNICAL SPECIFICATION
Final Appearance	Matt
Viscosity	103 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.46 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	40 ± 2
Washing Resistance	More than 10000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	16 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent	Water
% Dilution (by volume)	(10 – 15%)
Application Tools	Roller, brush, sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	81.08	108.11	94.59
Theoretical Spreading Rate (m²/liter)	10 - 13		11.5

SI TONE 700

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	30 minutes (minimum)
Re-coating for white color	2 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800
- 1 Coat Top Tone or S7
- 2 – 3 Coats Latex Putty.
- 2 Coats Si Tone 700.

FOR OLD SURFACES
- Remove loose layers completely, then clean the surface with water and detergent. Use Latex Putty on cracked and peeled spots. Make sure that the surface is fully dry and soft then apply:
- 2 Coats Si Tone 700.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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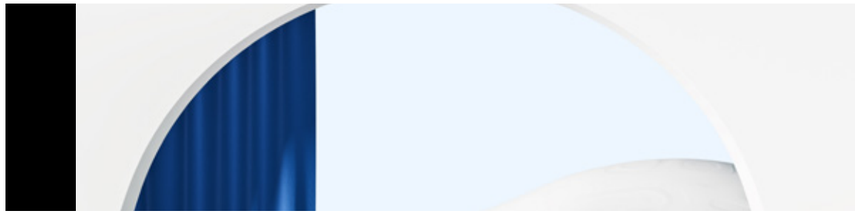

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SI TONE 800 EGGSHELL

EMULSIONS *Water Based Paints*

PRODUCT DESCRIPTION
Eggshell is a high-quality eggshell sheen water based paint made of acrylic copolymer. Available in white color and off-white and in a range of attractive colors that could be realized by using paint bases for coloring machines. Artistic characteristics of colors differ with selected colors.

PRODUCT CHARACTERISTICS
- Attractive eggshell sheen appearance.
- Smooth and Ease of application.
- Extreme resistance to water, alkalis, and the liming phenomenon.
- Superior coverage and whiteness.
- Easy clean-up.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications and as final coat on new or old surfaces of high-relief texture.

TYPE OF SURFACE
Concrete, cementitious, and gypsum surfaces.

TECHNICAL SPECIFICATION
Final Appearance → Eggshell
Viscosity → 110 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density → 1.33 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume → 40 ± 2
Flash Point → Non flammable
Volatile Organic Compounds → 65 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent → Water
% Dilution (by volume) → (10 – 15%)
Application Tools → Roller, Brush or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle → 140 – 190 Kg/cm² (2100 psi)
Nozzle head → 0.021 – 0.027
Spray angle → 65° - 80°
Filter → Should be clean

SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	76.92	102.56	89.74
Theoretical Spreading Rate (m²/liter)	10 - 14		12

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes
Re-coating	6 hours

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

- 1 Coat Latex Sealer 1800
- 1 Coat Top Tone/ S7
- 2 – 3 Coats Latex Putty.
- 2 Coats eggshell.

FOR OLD SURFACES
• Remove loose layers completely, then clean the surface with water and detergent. Make sure the surface is fully dry and soft then apply: • 1 Coat Top Tone / S7 then 2 Coats eggshell.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TONE SILK

PRODUCT DESCRIPTION
Si tone silk is a premium quality silk-glossy water-based emulsion paint made of acrylic copolymer with excellent additives to provide superior washability, coverage, and durability. Available in white and a wide range of colors to give an outstanding silk sheen finish.

PRODUCT CHARACTERISTICS
- Excellent resistance to water and alkalis.
- Superior gloss retention.
- High durability and long-term endurance.
- High resistance to stains.
- Easy application.
- High adhesion power.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces, etc. whether new or previously painted.

TECHNICAL SPECIFICATION
- Final Appearance → Silk-Glossy
- Viscosity → 105 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
- Density → 1.35 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
- % Solids by Volume → 39 ± 2 (for white color)
- Washing Resistance → More than 12000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
- Flash Point → Non flammable
- Volatile Organic Compounds → 25 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
- Diluent → Water
- % Dilution (by volume) → (10 – 15%)
- Application Tools → Roller, brush, sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
- Pressure at nozzle → 140 – 190 Kg/cm² (2100 psi)
- Nozzle head → 0.021 – 0.027
- Spray angle → 65° - 80°
- Filter → Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	76.92	102.56	89.74
Theoretical Spreading Rate (m²/liter)	10 - 13		11.5

SI TONE SILK

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	30 minutes (minimum)
Re-coating for white color	8 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800
- 1 Coat Top Tone / Hi Tone 2700 / Si Tone 700
- 2 – 3 Coats Latex Putty.
- 2 Coats Si Tone Silk.

FOR PAINTED OLD SURFACES
Remove loose layers completely, then clean the surface with water and detergent. Make sure that the surface is fully dry and soft then apply:
- 1 Coat Top Tone / Hi Tone 2700 / Si Tone 700
- 2 Coats Si Tone Silk.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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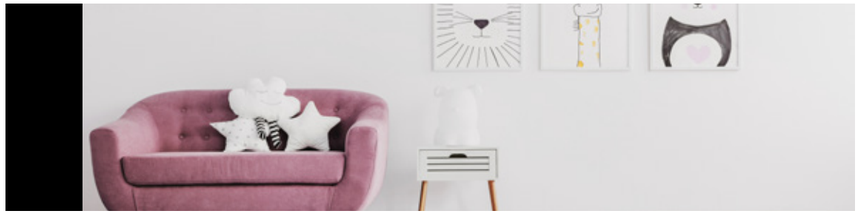

BOND 2000

PRODUCT DESCRIPTION
Bond 2000 is a high-quality semi-glossy water-based acrylic paint made of the acrylic copolymer. Available in white color and in a range of colors. Attractive semi-gloss finish with outstanding durability and washability.

PRODUCT CHARACTERISTICS
- Semi-glossy appearance and superior gloss retention.
- Excellent resistance to water and alkalis.
- Durability and good resistance to weather conditions.
- High coverage and high hiding power.
- Good resistance to chalking.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum walls and Ceilings, etc.

TECHNICAL SPECIFICATION
Final Appearance	Semi-Glossy
Viscosity	115 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.26 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	42 ± 2 (for white color)
Washing Resistance	More than 15000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	28 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent	Water
% Dilution (by volume)	(15 – 20%)
Application Tools	Roller, brush, sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	71.43	95.24	83.33
Theoretical Spreading Rate (m²/liter)	10 - 14		12

BOND 2000

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	30 minutes (minimum)
Re-coating for white color	8 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800
- 1 Coat Si tone 700
- 2 – 3 Coats Latex Putty
- 2 Coats Bond 2000

FOR OLD SURFACES
Remove loose layers completely, then clean the surface with water and detergent. Make sure that the surface is fully dry and soft then apply:
- 1 Coat Si tone 700 then 2 coats Bond 2000

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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HI TONE 2700

EMULSIONS *Water Based Paints*

PRODUCT DESCRIPTION

Hi tone 2700 is a high-quality matt water-based paint, based on acrylic copolymer and special additives. Available in white color and in a range of other colors.

PRODUCT CHARACTERISTICS

- High coverage and good brightness.
- Very Good resistance to chalking.
- Washable.
- Very good resistance to water and alkalis.
- Easy application.
- Durability and long-term endurance.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE

Suits indoor applications.

TYPE OF SURFACE

Concrete, Cementitious, and Gypsum walls and Ceilings, whether new or previously painted.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	122 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.60 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	49 ± 2 (for white color)
Washing Resistance	More than 10000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	15 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(10 – 15%)
Application Tools	Roller, brush, sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	50	70	60
Wet Film Thickness in Micron	110	150	130
Theoretical Spreading Rate (m²/liter)	7 - 10		8.5

HI TONE 2700

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	30 minutes (minimum)
Re-coating for white color	2 hours (minimum)

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES

- 1 Coat Latex Sealer 1800
- 1 Coat S7
- 2–3 Coats Latex Putty/ Flexi putty.
- 2 Coats Hi Tone 2700

FOR OLD SURFACES

Remove loose layers completely, then clean the surface with water and detergent. Make sure that the surface is fully dry and soft then apply: • 2 Coats Hi-Tone 2700

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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S7

PRODUCT DESCRIPTION
S7 is an attractive matt emulsion paint based on acrylic copolymer to provide a smooth finish and good appearance.

PRODUCT CHARACTERISTICS
- Excellent Brightness.
- High Wet hiding power and Good Spreading Rate.
- High resistance to water and alkali.
- High Adhesion Power.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cement, Gypsum Board, Plaster, etc.

TECHNICAL SPECIFICATION
- Final Appearance → Matt
- Viscosity → 130 ± 5 KU (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
- Density → 1.69 ± 0.05 gm/ cm^3 (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
- % Solids by Volume → 48 ± 2 (for white color)
- Washing Resistance → More than 5000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
- Flash Point → Non flammable
- Volatile Organic Compounds → 17 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
- Diluent → Water
- % Dilution (by volume) → (15 – 20%)
- Application Tools → Roller, Brush or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
- Pressure at nozzle → 140 – 190 Kg/cm^2 (2100 psi)
- Nozzle head → 0.021 – 0.027
- Spray angle → 65° - 80°
- Filter → Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	55	70	65
Wet Film Thickness in Micron	110	140	125
Theoretical Spreading Rate (m^2/liter)	7 - 9		8

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat of Latex Sealer 1800
- 2-3 Coats of Latex Putty/ Flexi putty.
- 2 Coats of S7

FOR OLD SURFACES
- After complete removal of loosely held materials, wash the substrate thoroughly with detergent and water.
- Use Latex Putty on areas where you have small cracks or peelings after the removal of loose old paint. And apply the following after ensuring that the substrate is dried well and smooth.
- Apply 2 Coats of S7

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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S9

PRODUCT DESCRIPTION
S9 is an Advanced matt emulsion paint based on modified Acrylic copolymer to provide a high whiteness and good appearance.

PRODUCT CHARACTERISTICS
- Excellent Brightness.
- High Wet hiding power and Good Spreading Rate.
- High resistance to water and alkali.
- High Adhesion Power.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cement, Gypsum Board, Plaster, etc.

TECHNICAL SPECIFICATION
- Final Appearance → Matt
- Viscosity → 120 ± 5 KU (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
- Density → 1.76 ± 0.05 gm/ cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
- % Solids by Volume → 50 ± 2 (for white color)
- Washing Resistance → More than 5000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
- Flash Point → Non flammable
- Volatile Organic Compounds → 17 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
- Diluent → Water
- % Dilution (by volume) → (15 – 20%)
- Application Tools → Roller, Brush or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
- Pressure at nozzle → 140 – 190 Kg/cm² (2100 psi)
- Nozzle head → 0.021 – 0.027
- Spray angle → 65° - 80°
- Filter → Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	55	70	62
Wet Film Thickness in Micron	115	140	127
Theoretical Spreading Rate (m²/liter)	9	7	8

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying (for white color)	30 minutes (minimum)
Re-coating (for white color)	2 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat of Latex Sealer 1800
- 2-3 Coats of Latex Putty/ Flexi putty.
- 2 Coats of S9

FOR OLD SURFACES
- After complete removal of loosely held materials, wash the substrate thoroughly with detergent and water.
- Use Latex Putty on areas where you have small cracks or peelings after the removal of loose old paint. And apply the following after ensuring that the substrate is dried well and smooth. • Apply 2 Coats of S9

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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S9 BLACK

PRODUCT DESCRIPTION
S9 BLACK is a high quality matt water based acrylic paint made of acrylic copolymer. Available in black color.

PRODUCT CHARACTERISTICS
- Matt appearance and superior ability to retain color after application.
- Excellent resistance to water and alkalis.
- High coverage
- Good resistance to chalking

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, cementitious, and gypsum walls and ceilings, etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	105 ± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	1.25 ± 0.05 gm/ cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	29 ± 2
Washing Resistance	More than 10000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	28 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(10 – 15%)
Application Tools	Roller, Brush, sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	71.43	95.24	83.33
Theoretical Spreading Rate (m²/liter)	9.5	7	8.25

EMULSIONS *Water Based Paints*

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat of Latex Sealer 1800
- 2 Coats of S9 Black
- 2-3 Coats of Latex Putty/ Flexi putty.
- 1 coat special effect product.

FOR OLD SURFACES
Remove loose layers completely, then clean the surface with water and detergent. Make sure the surface is fully dry and soft then apply: • Apply 2 Coats of S9 Black

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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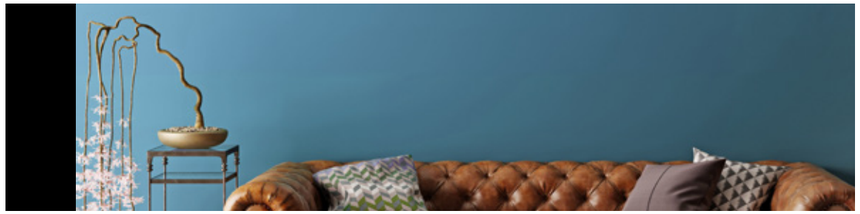

ACRY STAR

PRODUCT DESCRIPTION
Transparent silk-glossy Acry Star is made of a high-quality acrylic copolymer. It can be applied for paints of special effects, like Sipestar and matt water-based paints, to provide a smooth silk-glossy coat and protection against water, stain, and airborne dust.
(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits recently painted indoor surfaces.

TECHNICAL SPECIFICATION
- Final Appearance → Clear
- Viscosity → 95 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
- Density → 1.00 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
- % Solids by Volume → 20 ± 2
- Flash Point → Non flammable
- Volatile Organic Compounds → 37 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
- Diluent → Water
- % Dilution (by volume) → (10 – 15)
- Application Tools → Preferably Roller and Brush.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	25	30	27.5
Wet Film Thickness in Micron	125	150	137.5
Theoretical Spreading Rate (m²/liter)	6 - 8		7

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	1 hour

EMULSIONS *Water Based Paints*

ACRY STAR

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Acry Star above final coat.

FOR OLD SURFACES
Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply:
- 1 Coat Acry Star above final coat.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from the production date provided that, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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UNI MIX "UNIVERSAL COLORANTS"

UNI MIX UNIVERSAL COLORANTS

EMULSIONS *Water Based Paints*

PRODUCT DESCRIPTION

Uni mix (Universal) Color Concentrates are made to suit oil- and water painting systems. A collection of colors (Blue 101, Violet 102, Yellow 103, Yellow Oxide 104, Fast yellow green 105, Red 108, Turkey umber 110, Black 112, and GREEN 115&Fast Red Oxide 116) meets client requirements for a wide range of color grades. It is the perfect choice to obtain the required colors without relying on computer-aided colorization techniques.

Uni mix Color Concentrates' advanced formula provides the following characteristics:

- Excellent coloring of water- and oil paints.
- High coloring capacity.
- Helps clients to realize an easy coloring process.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE

Uni mix Color Concentrates harmonize with a wide range of water and oil -based decorative and ornamental paints.

PARTICULAR INSTRUCTIONS FOR IMPLEMENTATION

1. Adequate stirring before use.
2. Sealing the container tightly after use.
3. We recommend adding up to 5% (of the contents by volume) of colorants to oil- and water paints.

STORAGE

18 Months from the production date provided, proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES®

ALKYDS

OIL BASED PAINTS

SELECT
SI GLOSS
SI GLOSS GOLD
SI GLOSS SILVER
GOLD CROWN 300
SI MATT 1000
HI MATT
SIPES SPIRIT

SELECT

PRODUCT DESCRIPTION
Select is a premium quality glossy paint, made of the best quality alkyds. Available in white color only.

PRODUCT CHARACTERISTICS
- Resistance to turning yellowish.
- Bright whiteness.
- Excellent coverage.
- High ability to retain the gloss.
- Excellent durability and high resistance to weather conditions.

(Complies with the Egyptian Standard Specification No. 793)

RECOMMENDED USE
Suits indoor and outdoor applications.

TYPE OF SURFACE
Wooden, Furniture, Concrete, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION
Final Appearance	Glossy
Viscosity	110 ± 3 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.23 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	51 ± 2
Flash Point	36°C ± 2

METHOD OF APPLICATION
Diluent	Sipes Spirit
% Dilution (by volume)	(8 – 12%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	58.8	78.4	68.6
Theoretical Spreading Rate (m²/liter)	12.5 - 17		14.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	5 hours approximately
Re-coating for white color	16 hours approximately

ALKYDS *Oil Based Paints*

SELECT

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800
- 2–3 Coats wall putty.
- 1 Coat Hi matt / Si matt.
- 2 Coats Select.

FOR NEW METALLIC SURFACES
- 1 Coat suitable anti-rust primer.
- 1 Coat Hi matt / Si matt.
- 2 Coats Select.

FOR NEW WOODEN SURFACES:
- 1 Coat Hi matt / Si matt.
- 2 Coats suitable wood putty.
- 1 Coat diluted Hi matt / Si matt.
- 2 Coats Select.

FOR OLD SURFACES
- Clean the surface properly with water and suitable detergent. Make sure the surface is fully dry then follow the same application steps as above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI GLOSS

PRODUCT DESCRIPTION
Si gloss is a high-quality glossy paint, made of the best quality alkyds. Available in white color and a range of other colors that could be realized by using paint bases for coloring machines and selected colors. Artistic characteristics of colors differ with selected colors.

PRODUCT CHARACTERISTICS
- Bright whiteness.
- Excellent coverage.
- High ability to retain the gloss.
- Resistance to yellowing.
- Excellent durability and high resistance to weather conditions.

(Complies with the Egyptian Standard Specification No. 793)

RECOMMENDED USE
Suits indoor and outdoor applications according to selected colors.

TYPE OF SURFACE
Wooden, Furniture, Concrete, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION
Final Appearance	Glossy
Viscosity	110 ± 3 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.24 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	53 ± 2 (for white color)
Flash Point	36°C ± 2

METHOD OF APPLICATION
Diluent	Sipes Spirit
% Dilution (by volume)	(8 – 12%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	45	55	50
Wet Film Thickness in Micron	80	90	85
Theoretical Spreading Rate (m²/liter)	9 - 12		10.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	5 hours approximately
Re-coating for white color	16 hours approximately

ALKYDS *Oil Based Paints*

SI GLOSS

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800
- 2–3 Coats Latex Putty.
- 1 Coat Hi matt / Si matt.
- 2 Coats Si Gloss (white / colors).

FOR NEW METALLIC SURFACES
- 1 Coat suitable anti-rust primer.
- 1 Coat Hi matt / Si matt.
- 2 Coats Si Gloss (2 coats Si Gloss for white and other colors).

FOR NEW WOODEN SURFACES:
- 1 Coat Hi matt / Si matt.
- 2 Coats Si Gloss (white / colors).

FOR OLD SURFACES
- Clean the surface properly with water and suitable detergent. Make sure that the surface is fully dry then follow the same application steps above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI GLOSS GOLD

PRODUCT DESCRIPTION
Si gloss gold is a high quality oil paint with golden metallic effect, made of the best quality alkyds.

PRODUCT CHARACTERISTICS
- Golden metallic consistent glitter.
- Good gloss.
- Excellent coverage.

(Complies with the Egyptian Standard Specification No. 793)

RECOMMENDED USE
Suits indoor and outdoor applications.

TYPE OF SURFACE
Wooden, Furniture, Concrete, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION
Final Appearance → Glossy Gold
Viscosity → 50 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density → 1.00 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume → 22 ± 2
Flash Point → 36°C ± 2

METHOD OF APPLICATION
Diluent → Sipes Spirit
% Dilution (by volume) → as needed
Application Tools → Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle → 150 Kg/cm² (2100 psi)
Nozzle head → 0.013 – 0.021
Spray angle → 65° - 80°
Filter → Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	136.3	181.8	159
Theoretical Spreading Rate (m²/liter)	5 - 7		6

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	3 hours approximately
Re-coating	16 hours approximately

ALKYDS *Oil Based Paints*

SI GLOSS GOLD

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW METALLIC SURFACES
- 1 Coat suitable anti-rust primer.
- 1 Coat Hi matt / Si matt.
- 2 Coats Si Gloss Gold.

FOR NEW WOODEN SURFACES:
- 1 Coat Hi matt / Si matt after proper surface preparation.
- 2 Coats Si Gloss Gold.

FOR OLD SURFACES
- Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then follow the same application steps above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI GLOSS SILVER

PRODUCT DESCRIPTION
Si gloss silver is a high quality oil paint with silver metallic effect, made of the best quality alkyds.

PRODUCT CHARACTERISTICS
- Silver metallic consistent glitter.
- Good gloss.
- Excellent coverage.

(Complies with the Egyptian Standard Specification No. 793)

RECOMMENDED USE
Suits indoor and outdoor applications.

TYPE OF SURFACE
Wooden, Furniture, Concrete, Cementitious and Metallic surfaces, etc.

TECHNICAL SPECIFICATION

Final Appearance	Glossy Silver
Viscosity	50 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	0.95 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	35 ± 2
Flash Point	36°C ± 2

METHOD OF APPLICATION

Diluent	Sipes Spirit
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	85.7	114.3	100
Theoretical Spreading Rate (m²/liter)	8 - 12		10

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	3 hours approximately
Re-coating	16 hours approximately

ALKYDS *Oil Based Paints*

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW METALLIC SURFACES
- 1 Coat suitable anti-rust primer.
- 1 Coat Hi matt / Si matt.
- 2 Coats Si Gloss Silver.

FOR NEW WOODEN SURFACES:
- 1 Coat Hi matt / Si matt after proper surface preparation.
- 2 Coats Si Gloss Silver.

FOR OLD SURFACES
- Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then follow the same application steps above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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GOLD CROWN 300

PRODUCT DESCRIPTION
Gold crown 300 is semi-glossy enamel paint, made of the best quality alkyds. Available in white color and a range of other colors that could be realized by using paint bases for coloring machines.

PRODUCT CHARACTERISTICS
- Good resistance to yellowing.
- Good whiteness and excellent coverage.
- Natural brightness and consistent gloss.
- Excellent durability and high resistance to weather conditions.

(Complies with the Egyptian Standard Specification No. 793)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden, Concrete, Gypsum, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION
Final Appearance	Semi-Glossy
Viscosity	85 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.23 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	48 ± 2 (for white color)
Flash Point	36°C ± 2

METHOD OF APPLICATION
Diluent	Sipes Spirit
% Dilution (by volume)	(3 – 5%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	62	83	72.5
Theoretical Spreading Rate (m²/liter)	12 - 16		13.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying (for white color)	5 hours approximately
Re-coating (for white color)	16 hours approximately

ALKYDS *Oil Based Paints*

GOLD CROWN 300

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW CEMENTITIOUS, CONCRETE AND GYPSUM SURFACES
- 1 Coat Latex Sealer 1800
- 2–3 Coats Latex Putty.
- 1 Coat Hi matt/ Si matt.
- 2 Coats Gold Crown 300 (for white and other colors).

FOR NEW METALLIC SURFACES
- 1 Coat suitable anti-rust primer.
- 1 Coat Hi matt / Si matt.
- 2 Coats Gold Crown 300 (for white and other colors).

FOR NEW WOODEN SURFACES:
- 1 Coat Hi matt / Si matt.
- 2 Coats Gold Crown 300 (for white and other colors).

FOR OLD SURFACES
- Clean the surface properly with water and suitable detergent. Make sure the surface is fully dry then follow the same application steps above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI MATT 1000

PRODUCT DESCRIPTION
Si matt is a high-quality matt paint, made of the best quality alkyds. Available in white color.

PRODUCT CHARACTERISTICS
- Excellent coverage.
- High spreading rate.
- Easy application.
- Bright whiteness.
- Good sandability.

(Complies with the Egyptian Standard Specification No. 1757)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden, Concrete, Gypsum, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION
Final Appearance	Matt
Viscosity	110 ± 3 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.52 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	49 ± 2 (for white color)
Flash Point	36°C ± 2

METHOD OF APPLICATION
Diluent	Sipes Spirit
% Dilution (by volume)	(8 – 12%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	40	60	50
Wet Film Thickness in Micron	82	123	102.5
Theoretical Spreading Rate (m²/liter)	8 - 12		10

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	2 hours approximately
Re-coating	18 hours approximately

ALKYDS *Oil Based Paints*

SI MATT 1000

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW CEMENTITIOUS, CONCRETE AND GYPSUM SURFACES
- 1 Coat Latex Sealer 1800.
- 2 Coats Latex Putty.
- 2 Coats Si matt.

FOR NEW METALLIC SURFACES
- 1 Coat anti-rust primer.
- 2 Coats Si matt.

FOR NEW WOODEN SURFACES:
- 2 Coats Si matt after applying suitable filler.

FOR OLD SURFACES
- Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then follow the same application steps above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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HI MATT

PRODUCT DESCRIPTION
Hi matt is a matt paint, made of high-quality alkyds. Available in white color and in a range of attractive colors that could be realized by paint bases for coloring machines.

PRODUCT CHARACTERISTICS
- Good coverage.
- Good spreading rate.
- Ease of application and good with sandability.

(Complies with the Egyptian Standard Specification No. 1757)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden, Concrete, Gypsum, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION
Final Appearance	Matt
Viscosity	133 ± 3 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.73 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	63 ± 2 (for white color)
Flash Point	36°C ± 2

METHOD OF APPLICATION
Diluent	Sipes Spirit
% Dilution (by volume)	(10 – 15%)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	50	70	60
Wet Film Thickness in Micron	80	110	95
Theoretical Spreading Rate (m²/liter)	9 - 12		10.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying (for white color)	2 hours approximately
Re-coating (for white color)	16 hours approximately

ALKYDS *Oil Based Paints*

HI MATT

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW CEMENTITIOUS, CONCRETE AND GYPSUM SURFACES
- 1 Coat Latex Sealer 1800
- 2 Coats Latex Putty.
- 2 Coats Hi matt (white / color).

FOR NEW METALLIC SURFACES
- 1 Coat anti-rust primer.
- 2 Coats Hi matt (white / color).

FOR NEW WOODEN SURFACES:
- 2 Coats Hi matt (white / color) after applying suitable filler.

FOR OLD SURFACES
- Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then follow the same application steps as above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES SPIRIT

PRODUCT DESCRIPTION
Spirit is a solvent made of the best quality raw materials.

RECOMMENDED USE
Diluent for oil paints and varnishes.

TECHNICAL SPECIFICATION

Color	Transparent
Density	0.78 ± 0.02 gm/cm³ (at 25°C temperature and 50% humidity)
Boiling Temperature	115 - 200°C
Flash Point	36°C approximately

SIPES SPIRIT

STORAGE
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HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR SEALER S1
SI TECH XTR SEALER S100
SI TECH XTR PUTTY
SI TECH XTR UNDERCOAT U1
SI TECH XTR TEXTURE-SO
SI TECH XTR TEXTURE-ME
SI TECH XTR TEXTURE-CO
SI TECH XTR 300
SI TECH XTR 400
SI TECH XTR 500
SI TECH XTR 600
SI TECH XTR XTOMATT
SI TECH IN-TR HYGIENE
SI TECH XTR ROOF

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SI TECH XTR SEALER S1

PRODUCT DESCRIPTION
A superior quality exterior water-based sealer made of acrylic copolymer, with excellent alkali resistance, adhesion, and penetration power for exterior surfaces protection in a complete exterior paint system.

PRODUCT CHARACTERISTICS
- Superior alkali resistance.
- Superior water resistance.
- Excellent spreading rates.
- Excellent workability.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION
Final Appearance → Matt
Viscosity → 105 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density → 1.4 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume → 42 ± 2 (for white color)
Flash Point → Non flammable
Volatile Organic Compounds → 43 gm/liter as per EPA Method 24

METHOD OF APPLICATION
Diluent/ Cleaner → Water
% Dilution (by volume) → (20 – 25)
Application Tools → Roller, Brush, or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle → 140 – 190 Kg/cm² (2100 psi)
Nozzle head → 0.021 – 0.027
Spray angle → 65° - 80°
Filter → Should be clean

CERTIFICATES
- **SI TECH XTR SEALER S1** meets the Classification of W1 (HIGH) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): VINCI TECHNOLOGY CENTRE.

The average Liquid water transmission rate (W) (kg/m²√24hrs) is around 0.6

- **SI TECH XTR SEALER S1** has an adhesive strength of 0.3 MPa according to BS EN 1542
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	25	35	30
Wet Film Thickness in Micron	60	84	72
Theoretical Spreading Rate (m²/liter)	16	12	14

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	30 minute
Re-coating (for white color)	2 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1 Coat of Si Tech XTR Undercoat U1.
- 2-3 Coats of Si Tech XTR Putty.
- 2 Coats of Si Tech Topcoats.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

CLARIFICATION
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SI TECH XTR SEALER S100

PRODUCT DESCRIPTION
A Solvent based Acrylic sealer. It has very high penetrating power into surfaces and high alkali resistance for exterior substrates.

PRODUCT CHARACTERISTICS
- The best adhesion to concrete and difficult substrates.
- Early Superior Alkali Resistance.
- Excellent workability.
- High Penetrating power.
- Superior resistance to Water.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor and outdoor applications.

TYPE OF SURFACE
Concrete, Cement plaster, Gypsum Board, block work, Plaster ...etc.

TECHNICAL SPECIFICATION
Final Appearance	Clear
Viscosity	55 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	0.87 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) (As per ASTM D 1475-13)
% Solids by Volume	25 ± 2
Flash Point	36

METHOD OF APPLICATION
Diluent/ Cleaner	Sipes spirit
% Dilution (by volume)	(5 – 10)
Application Tools	Roller, Brush, Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI-TECH XTR SEALER S100** meets the Classification of W3 (HIGH) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): IBOS CENTRE

The average Liquid water transmission rate(W) (kg/m²√24hrs) is around 0.1 according to BS EN 1504-2
- **SI-TECH XTR SEALER S100** has bond-strength by pull off 1.59 according to EN 1542:1999
- Certificates are available upon request.

SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	20	25	22.5
Wet Film Thickness in Micron	80	100	90
Theoretical Spreading Rate (m²/liter)	12	10	11

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	60 minutes
Re-coating	2 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat XTR Sealer S100
- To be top coated with suitable topcoats.

FOR NEW SUBSTRATES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure the surface is fully dry, then apply: • 1 Coat of XTR Sealer S100

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR PUTTY

PRODUCT DESCRIPTION
XTR Putty is a High quality weather resistant emulsion putty made of acrylic polymer which gives needed durability for exterior surfaces.

PRODUCT CHARACTERISTICS
- Excellent whiteness.
- Suitable consistency and extreme ease of application.
- Excellent resistance to water and alkalis.
- High ability to fill porous surfaces and relatively small holes.
- Excellent Sandability.
- High Durability for Exterior application.

(Complies with the Egyptian Standard Specification No. 6623)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION
Final Appearance	Matt
Gel Strength	300 ± 10 gm/cm² (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.71 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) (As per ASTM D 1475-13)
% Solids by Volume	58 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	4 gm/liter as per EPA Method 24

METHOD OF APPLICATION
Diluent/ Cleaner	Water
% Dilution (by volume)	As needed
Application Tools	Putty knife and steel Malg

CERTIFICATES
- **SI-TECH XTR PUTTY** meets the Classification of V1 (High) as per BS EN 1062-1 in terms of water Vapor Transmission Rate.
- **SI-TECH XTR PUTTY** has anti carbonation Properties as it reduces the flow rate of Carbon dioxide to be 0.27 (cm3s-1) as per EN 1062-6
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	116	174	145
Wet Film Thickness in Micron	200	300	250
Theoretical Spreading Rate (m²/liter)	2	3	2.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry	30 minute
Re-coating	2 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW CEMENTITIOUS SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 2-3 Coats of Si Tech XTR Putty.

FOR OLD SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure the surface is fully dry, then apply • 2-3 Coats of Si Tech XTR Putty.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR UNDERCOAT U1

PRODUCT DESCRIPTION
A premium quality water-based exterior paint based on acrylic copolymer with excellent adhesion and anti-carbonation properties to be used as undercoat in exterior paint systems.

PRODUCT CHARACTERISTICS
- Excellent adhesion with different topcoats.
- Excellent anti-carbonation properties.
- High coverage and spreading rate.
- Easy application.
- Good water uptake, water-vapor transmission and alkali resistance.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	115 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.39 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	40 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	21 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION

Diluent/ Cleaner	Water
% Dilution (by volume)	(up to 10%)
Application Tools	Roller, Brush or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI TECH XTR UNDERCOAT U1** meets the classification of V1 (High) as per BS EN 1062-1 in terms of water-vapor transmission rate.
- **SI TECH XTR UNDERCOAT U1** has anti carbonation properties as it reduces the flow rate of Carbon dioxide to be 0.24 (cm3s-1) as per EN 1062-6
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	40	50	45
Wet Film Thickness in Micron	85	110	97.5
Theoretical Spreading Rate (m²/liter)	10	8	9

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1 Coat of Si Tech XTR Undercoat U1.
- 2-3 Coats of Si Tech XTR Putty.
- 2 Coat of Si Tech XTR Topcoat.

FOR OLD SUBSTRATES
Use proper detergent and water washing and after drying, apply 1 coat of Si Tech XTR Sealer then apply the Undercoat U1 followed by a proper topcoat.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR TEXTURE - SO

PRODUCT DESCRIPTION
A premium quality water-based texture exterior paint based on 100% pure acrylic polymer with superior performance in outdoor exposure due to the excellent UV resistance, weather conditions resistance, anti-carbonation properties, and long-lasting color retention. This product contains a combination of special fine materials and hard aggregate to provide a fine texture attractive silk appearance with high durability. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- Excellent crack bridging up to 2.3 mm
- Excellent anti-carbonation properties.
- High coverage and hiding power.
- Easy application.
- Good water uptake, water-vapor transmission and alkali resistance.
- Excellent resistance to UV, variable temperatures, and pollution.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION
Final Appearance ⟶ Silk
Gel Strength ⟶ 100 ± 10 gm/cm² (at 25°C temperature and 50% humidity)
Density ⟶ 1.35 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume ⟶ 47 ± 2 (for white color)
Flash Point ⟶ Non flammable
Volatile Organic Compounds ⟶ 36 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION
Diluent/ Cleaner ⟶ Water
% Dilution (by volume) ⟶ (Maximum 5%)
Application Tools ⟶ Roller, Putty knife or Spray or Steel trowel

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle ⟶ 140 – 190 Kg/cm² (2100 psi)
Nozzle head ⟶ 0.021 – 0.027
Spray angle ⟶ 65° - 80°
Filter ⟶ Should be clean

CERTIFICATES
- **SI TECH XTR TEXTURE-SO** provides a maximum crack bridging ability of 2.3 mm according to VINCI TECHNOLOGY CENTRE UK LIMITED.
- **SI TECH XTR TEXTURE-SO** meets the requirements for Class A4 as per BS EN 1062-7
- **SI TECH XTR TEXTURE-SO** meets the classification of W1 (High) as per BS EN 1062-1 in terms of water uptake resistance.

The average liquid water transmission rate (W) (kg/m²√24hrs) is around 0.66
- **SI TECH XTR TEXTURE-SO** R-value is 421 m classified as Class C1 according to BS EN 1062-1.
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	95	150	122.5
Wet Film Thickness in Micron	202	319	260.5
Theoretical Spreading Rate (m²/liter)	5	3	4

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	5 hours
Re-coating (for white color)	10 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 2 Coats of Si Tech XTR Texture - SO.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
The tape used for masking should be removed directly after the application of the topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR TEXTURE - ME

SI TECH XTR TEXTURE -ME

SI TECH *Exterior Paints*

PRODUCT DESCRIPTION
A premium quality water-based texture exterior paint based on 100% pure acrylic polymer with superior performance in outdoor exposure due to the excellent UV resistance, weather conditions resistance, anti-carbonation properties, and long-lasting color retention. This product contains a combination of special materials and hard aggregate to provide a medium texture attractive appearance with high durability. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- Excellent crack bridging up to 1.19 mm
- Excellent anti-carbonation properties.
- High coverage and hiding power.
- Easy application.
- Good water uptake, water-vapor transmission and alkali resistance.
- Excellent resistance to UV, variable temperatures, and pollution.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION
Final Appearance	Silk Sheen
Gel Strength	85 ± 10 gm/cm² (at 25°C temperature and 50% humidity)
Density	1.40 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	48 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	35 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION
Diluent/ Cleaner	Water
% Dilution (by volume)	(Maximum 5%)
Application Tools	Roller, Putty knife or Spray or Steel trowel

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI TECH XTR TEXTURE-ME** provides a maximum crack bridging ability of 1.19 mm according to VINCI TECHNOLOGY CENTRE UK LIMITED.
- **SI TECH XTR TEXTURE-ME** meets the requirements for Class A3 as per BS EN 1062-7
- **SI TECH XTR TEXTURE-ME** meets the classification of W1 (High) as per BS EN 1062-1 in terms of water uptake resistance.

The average Liquid water transmission rate (W) (kg/m²√24hrs) is around 0.56
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	150	250	200
Wet Film Thickness in Micron	312	520	416
Theoretical Spreading Rate (m²/liter)	3	2	2.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	5 hours
Re-coating (for white color)	10 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 2 Coats of Si Tech XTR Texture - ME.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
The tape used for masking should be removed directly after the application of the topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR TEXTURE - CO

SI TECH XTR TEXTURE - CO *Exterior Paints*

PRODUCT DESCRIPTION
A premium quality water-based texture exterior paint based on 100% pure acrylic polymer with superior performance in outdoor exposure due to the excellent UV resistance, weather conditions resistance, anti-carbonation properties, and long-lasting color retention. This product contains a combination of special materials and hard aggregate to provide a coarse attractive texture appearance with high durability. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- High crack bridging up to 1.37 mm
- High coverage and hiding power.
- Excellent anti-carbonation properties.
- Easy application.
- Good water uptake, water-vapor transmission and alkali resistance.
- Excellent resistance to UV, variable temperatures, and pollution.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Gel Strength	120 ± 10 gm/cm² (at 25°C temperature and 50% humidity)
Density	1.50 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	52 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	30 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION

Diluent/ Cleaner	Water
% Dilution (by volume)	(Maximum 5%)
Application Tools	Roller, Putty knife or Steel trowel

CERTIFICATES
- **SI TECH XTR TEXTURE-CO** provides a maximum crack bridging ability of 1.37 mm according to VINCI TECHNOLOGY CENTRE UK LIMITED.
- **SI TECH XTR TEXTURE-CO** meets the requirements for Class A4 as per BS EN 1062-7
- **SI TECH XTR TEXTURE-CO** meets the Classification of W2 (medium) as per BS EN 1062-1 in terms of water uptake resistance.

The average Liquid water transmission rate (W) (kg/m²√24hrs) is around 0.46
- **SI TECH XTR TEXTURE-CO** R-value is 344 m classified as Class C1 according to BS EN 1062-1
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	250	450	350
Wet Film Thickness in Micron	350	700	325
Theoretical Spreading Rate (m²/liter)	2	1	1.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	5 hours
Re-coating (for white color)	10 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1-2 Coats of Si Tech XTR Texture - CO.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
The tape used for masking should be removed directly after the application of the topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SITECH®
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PRODUCT DESCRIPTION
A premium quality matt exterior finish paint, based on 100% pure acrylic polymer with superior performance in outdoor exposure due to the excellent UV resistance, weather conditions resistance, low dirt pick up, anti-carbonation properties and long lasting color retention. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- High crack bridging.
- Excellent anti-carbonation properties.
- High coverage and hiding power.
- Excellent resistance to UV, variable temperatures, and pollution.
- High resistance to dirt pick up and dust proof.
- Excellent water-vapor and alkali resistance.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt Sheen
Viscosity	125 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.33 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	39 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	39 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION

Diluent/ Cleaner	Water
% Dilution (by volume)	(10-15)
Application Tools	Roller, Brush, or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI TECH XTR 300** meets the Classification of W2 (Low) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): VINCI TECHNOLOGY CENTRE.

The average Liquid water transmission rate (W) (kg/m²√24hrs) is around 0.243
- **SI TECH XTR 300** meets the Classification of V1 as per BS EN 1062-1 in terms of water-vapor transmission properties (EN ISO 7783): VINCI TECHNOLOGY CENTRE.
- **SI TECH XTR 300** meets the Classification of A4 as per BS EN 1062-1 in terms of Crack Bridging (EN 1062-7): VINCI TECHNOLOGY CENTRE.

The maximum width of crack bridging that could be achieved is 1.89 mm.
- **SI TECH XTR 300** meets the classification of C1 as Per BS EN 1061-1 R-Value is 269 m as per carbon dioxide diffusion test EN 1062-1
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	35	50	42.5
Wet Film Thickness in Micron	90	128	109
Theoretical Spreading Rate (m²/liter)	11	8	9.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	2 hours
Re-coating (for white color)	4 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1 Coat of Si Tech XTR Undercoat U1.
- 2-3 Coats of Si Tech XTR Putty.
- 2 Coats of Si Tech XTR 300.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
The tape used for masking should be removed directly after the application of the topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR 400

PRODUCT DESCRIPTION
A premium quality silk exterior finish paint, based on 100% pure acrylic polymer with superior performance in outdoor exposure due to the excellent UV resistance, weather conditions resistance, low dirt pick up, anti-carbonation properties, and long-lasting color retention. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- High crack bridging up to 3.65 mm
- Excellent anti-carbonation properties.
- High coverage and hiding power.
- Excellent resistance to UV, variable temperatures, and pollution.
- High resistance to dirt pick up and dust proof.
- Excellent water-vapor and alkali resistance.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION
Final Appearance	Silk
Viscosity	110 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.30 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	43 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	28 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION
Diluent/ Cleaner	Water
% Dilution (by volume)	(10-15)
Application Tools	Roller, Brush, or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI TECH XTR 400** meets the Classification of W2 (medium) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): VINCI TECHNOLOGY CENTRE.

The average Liquid water transmission rate (W) (kg/m²√24hrs) is around 0.22
- **SI TECH XTR 400** meets the Classification of V2 as per BS EN 1062-1 in terms of water-vapor transmission properties (EN ISO 7783): VINCI TECHNOLOGY CENTRE.
- **SI TECH XTR 400** meets the Classification of A5 as per BS EN 1062-1 in terms of Crack Bridging (EN 1062-7): VINCI TECHNOLOGY CENTRE.

The maximum width of crack bridging that could be achieved is 3.65mm.
- **SI TECH XTR 400** meets the classification of C1 as Per BS EN 1061-1 R-Value is 347 m as per carbon dioxide diffusion test EN 1062-6
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	35	50	42.5
Wet Film Thickness in Micron	81	116	98.5
Theoretical Spreading Rate (m²/liter)	12	9	10.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	2 hours
Re-coating (for white color)	5 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1 Coat of Si Tech XTR Undercoat U1.
- 2-3 Coats of Si Tech XTR Putty.
- 2 Coats of Si Tech XTR 400.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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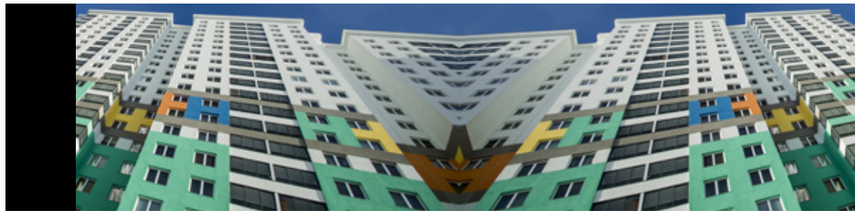

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PRODUCT DESCRIPTION
A premium quality semi-gloss exterior finishes paint, based on 100% pure acrylic polymer with superior performance in outdoor exposure due to the excellent UV resistance, weather conditions resistance, low dirt pick up, anti-carbonation properties, and long-lasting color retention. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- Excellent crack bridging up to 7.5 mm
- Excellent anti-carbonation properties.
- High coverage and hiding power.
- Excellent resistance to UV, variable temperatures, and pollution.
- High resistance to dirt pick up and dust proof.
- Excellent water-vapor and alkali resistance.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION
Final Appearance	Semi-Gloss
Viscosity	125 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.33 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	43 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	35 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION
Diluent/ Cleaner	Water
% Dilution (by volume)	(10-15)
Application Tools	Roller, Brush, or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI TECH XTR 500** meets the Classification of W3 (Low) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): VINCI TECHNOLOGY CENTRE.

The average Liquid water transmission rate (W) (kg/m²√24hrs) is around 0.0.099
- **SI TECH XTR 500** meets the Classification of V2 as per BS EN 1062-1 in terms of water-vapor transmission properties (EN ISO 7783): VINCI TECHNOLOGY CENTRE.
- **SI TECH XTR 500** meets the Classification of A5 as per BS EN 1062-1 in terms of Crack Bridging (EN 1062-7): VINCI TECHNOLOGY CENTRE.

The maximum width of crack bridging that could be achieved is 7.5mm.
- **SI TECH XTR 500** meets the classification of C1 as Per BS EN 1061-1 R-Value is 258 m as per carbon dioxide diffusion test EN 1062-6
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	35	50	42.5
Wet Film Thickness in Micron	81	116	98.5
Theoretical Spreading Rate (m²/liter)	12	9	10.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	2 hours
Re-coating (for white color)	5 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1 Coat of Si Tech XTR Undercoat U1.
- 2-3 Coats of Si Tech XTR Putty.
- 2 Coats of Si Tech XTR 500.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
The tape used for masking should be removed directly after the application of the topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR 600

PRODUCT DESCRIPTION
A premium quality high gloss exterior finish paint, based on 100% pure acrylic polymer with superior performance and color retention in outdoor exposure due to the excellent UV resistance, weather conditions resistance, low dirt pick up, anti-carbonation properties, and long-lasting color retention. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- Outstanding crack bridging up to 8.49 mm
- Excellent anti-carbonation properties.
- High coverage and hiding power.
- Excellent resistance to UV, variable temperatures, and pollution.
- High resistance to dirt pick up and dust proof.
- Excellent water-vapor and alkali resistance.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION

Final Appearance	High-Gloss
Viscosity	115 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.30 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	40 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	30 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION

Diluent/ Cleaner	Water
% Dilution (by volume)	(10-15)
Application Tools	Roller, Brush, or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI TECH XTR 600** meets the Classification of W2 (medium) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): VINCI TECHNOLOGY CENTRE.

The average Liquid water transmission rate (W) (kg/m²√24hrs) is around 0.32
- **SI TECH XTR 600** meets the Classification of V2 as per BS EN 1062-1 in terms of water-vapor transmission properties (EN ISO 7783): VINCI TECHNOLOGY CENTRE.
- **SI TECH XTR 600** meets the Classification of A5 as per BS EN 1062-1 in terms of Crack Bridging (EN 1062-7): VINCI TECHNOLOGY CENTRE.

The maximum width of crack bridging that could be achieved is 8.49mm.
- **SI TECH XTR 600** meets the classification of C1 as Per BS EN 1061-1 R-Value is 273 m as per carbon dioxide diffusion test EN 1062-6
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	35	50	42.5
Wet Film Thickness in Micron	87.5	125	106.25
Theoretical Spreading Rate (m²/liter)	11.5	8	9.75

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	2 hours
Re-coating (for white color)	5 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1 Coat of Si Tech XTR Undercoat U1.
- 2 Coats of Si Tech XTR Putty.
- 2 Coats of Si Tech XTR 600.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
The tape used for masking should be removed directly after the application of the topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI TECH XTR XTOMATT

SI TECH XTR XTOMATT *Exterior Paints*

PRODUCT DESCRIPTION
A superior quality anti-carbonation exterior smooth matt topcoat, based on 100% pure acrylic polymer for protection of exterior surfaces. It is available in white and other colors.

PRODUCT CHARACTERISTICS
- High crack bridging up to 1.27 mm
- High coverage and hiding power.
- Excellent anti-carbonation properties.
- Excellent water-vapor and alkali resistance.
- Excellent resistance to UV, variable temperatures, and pollution.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, and Cement plaster...etc.

TECHNICAL SPECIFICATION
Final Appearance	Matt Sheen
Viscosity	120 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.26 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	40 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	38 gm/liter (as per EPA Method 24)

METHOD OF APPLICATION
Diluent/ Cleaner	Water
% Dilution (by volume)	(10-15)
Application Tools	Roller, Brush or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clea

CERTIFICATES
- **SI TECH XTR XTOMATT** meets the classification of W3 (Low) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): VINCI TECHNOLOGY CENTRE.

The average liquid water transmission rate (W) (kg/m²√24hrs) is around 0.074

- **SI TECH XTR XTOMATT** meets the classification of V1 as per BS EN 1062-1 in terms of water-vapor transmission properties (EN ISO 7783): VINCI TECHNOLOGY CENTRE.
- **SI TECH XTR XTOMATT** meets the Classification of A4 as per BS EN 1062-1 in terms of crack bridging (EN 1062-7): VINCI TECHNOLOGY CENTRE.

The maximum width of crack bridging that could be achieved is 1.27 mm.

- **SI TECH XTR XTOMATT** meets the classification of C1 as Per BS EN 1061-1 R-Value is 128 m as per carbon dioxide diffusion test EN 1062-1
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	35	50	42.5
Wet Film Thickness in Micron	87.5	125	106.25
Theoretical Spreading Rate (m²/liter)	11.5	8	9.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	2 hours
Re-coating (for white color)	4 Hours (Minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat of Si Tech XTR Sealer S1.
- 1 Coat of Si Tech XTR Undercoat U1.
- 2-3 Coats of Si Tech XTR Putty.
- 2 Coats of Si Tech XTR XTOMATT.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
The tape used for masking should be removed directly after the application of the topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

CLARIFICATION
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SITECH®
Professional Coatings

SI TECH IN-TR HYGIENE

PRODUCT DESCRIPTION
SI TECH IN-TR Hygiene is a high-quality silk emulsion paint based on 100% pure acrylic polymer and special additives, it gives a smooth finish with good stain resistance, excellent anti-bacterial, anti-microbial, and anti-fungi properties.

PRODUCT CHARACTERISTICS
- Excellent resistance to bacteria and microbes especially Escherichia Coli (Ecoli bacteria) and Staphylococcus Aureus.
- Anti-bacterial paint according to ISO 22196:2011
- High resistance to stains.
- Easy application.
- Superior ability to retain gloss.
- Durability and long-term endurance.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surface.

TECHNICAL SPECIFICATION
Final Appearance	Silk
Viscosity	105 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.30 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	40 ± 2 (for white color)
Washing Resistance	More than 12000 washing cycles, in accordance with the Egyptian Standard Specification No. (1539)
Flash Point	Non flammable
Volatile Organic Compounds	25 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent/ Cleaner	Water
% Dilution (by volume)	(10 – 15)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- Certificate from Entwicklungs- und Prueflabor Holztechnologie GmbH (EPH) – Germany Confirms that the Product is Classifies as Anti-Bacterial Paint according to ISO 22196:2011
- Certificates From the Egyptian National Research Centre confirm that the product can resist bacteria and microbes by 99.9%.
- Certificates are available upon request.

FILM THICKNESS AND SPREADING RATE
	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	40	50	45
Wet Film Thickness in Micron	100	125	112.5
Theoretical Spreading Rate (m²/liter)	10	8	9

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Touch Dry (for white color)	30 minutes (minimum)
Re-coating (for white color)	8 hours (minimum)

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- 1 Coat Latex Sealer 1800
- 2-3 Coats Latex Putty.
- 1 Coat Si Tone 700
- 2 Coats Si Tech IN-TR Hygiene.

FOR PAINTED OLD SURFACES
Remove loose layers completely, then clean the surface with water and detergent. Make sure that the surface is fully dry and soft then apply:
- 1 Coat Si Tone 700.
- 2 Coats Si Tech IN-TR Hygiene.

CONDITIONS OF APPLICATION
The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SITECH®
Professional Coatings

SI TECH XTR ROOF

SI TECH XTR ROOF

SI TECH *Exterior Paints*

PRODUCT DESCRIPTION
A premium quality matt exterior paint based on a high flexible acrylic emulsion to be used as waterproofing coating for different substrates. Available in White.

PRODUCT CHARACTERISTICS
- Elastomeric water proofing finish comply with ASTM D 6083.
- High crack bridging &good elongation properties.
- Good cooling effect and solar reflectance properties.
- Excellent resistance to ultra-violet radiations, variable temperatures, and pollution
- Anti-carbonation properties in terms of CO2 diffucion resistance, water uptake resistance, water vapor transmission rate and alkali resistance.
- High resistance to Dirt Pick Up.
- High coverage power.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits Exterior applications.

TYPE OF SURFACE
Concrete, Gypsum board, Cement Plaster, Steel, Wood substrates ...etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	120 ± 10 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.4 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color (As per ASTM D 1475-13)
% Solids by Volume	50 ± 2 (for white color)
Flash Point	Non flammable
Volatile Organic Compounds	35 gm/liter as per EPA Method 24
Tensile strength	> 1.4 mpa
Tear strength	>10.5 N/m

METHOD OF APPLICATION

Diluent/ Cleaner	Water
% Dilution (by volume)	Up to 10%
Application Tools	Roller, Brush, or Airless spray

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

CERTIFICATES
- **SI-TECH XTR ROOF** meets the Classification of W3 (Low) as per BS EN 1062-1 in terms of liquid water permeability (EN 1062-3): IBOS GMBH.
- **SI-TECH XTR ROOF** meets the Classification of V3 as per EN 1062-1:2004 Paints and varnishes in terms of water-vapor transmission properties (EN ISO 7783-2019): IBOS GMBH.
- **SI-TECH XTR ROOF** meets the Classification of A4 as per BS EN 1062-1 in terms of Crack Bridging (EN 1062-7): IBOS GMBH.
- Certificates are available upon request.

SPREADING RATE
0.8-1 Kg/m² at 500 micron DFT.

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Temperature	25°C
Touch Dry (for white color)	2 hours
Re-coating (for white color)	5 Hours

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc.

FOR NEW SUBSTRATES
- Application of 1st. Coat with diluted 10% Si Tech XTR Roof.
- Application of 2nd. Coat of Si Tech XTR Roof as a final coat.

FOR STEEL OR WOOD SUBSTRATES
- 1 Coat of a suitable primer.
- Application of 2 Coats of Si Tech XTR Roof as previous steps.

FOR OLD SUBSTRATES
- Use sandpaper, then clean the surface with water and suitable detergent. Make sure the surface is fully dry, then apply: • 1 Coat of Si Tech XTR Roof.

CONDITIONS OF APPLICATION
- The temperature of the substrate should be min.10°C and min.3°C above the dew point of the air, temperature and relative humidity were measured in the vicinity of the substrate.
- The tape used for masking should be removed directly after application of the Topcoat.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES®

SPECIAL EFFECTS

STUNNING LINE

SIPESTAR
SI GLAZE
SI STUCCO
AMARANTI SILVER
SIPES DECO VELVET
SIPES DECO SILVER
SIPES DECO GOLD
SIPES DECO SAND
SIPES DECO SOFT SAND
DECOGUARD

SIPESTAR

PRODUCT DESCRIPTION
Sipestar is a decorative paint based on a combination of different colors, mixed with a special polymer to form different and ultra-attractive color finishes.

PRODUCT CHARACTERISTICS
- Attractive and unique appearance.
- Easy application.
- Excellent resistance to scratching.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden, Concrete, Gypsum and Cementitious surfaces.

TECHNICAL SPECIFICATION
Final Appearance → Matt
Viscosity → 1750 ± 250 Centipoise–vert 4 speed 20 rpm (at 25°C temperature and 50% humidity)
Density → 1.00 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume → 25 ± 2
Flash Point → Greater than 65°C

METHOD OF APPLICATION
Diluent and proposed % (by volume) → Use without dilution
Application Tools → Spray gun
Use without stirring or shaking.

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Nozzle head → 2.5 mm
Sprayer Pressure → 1.2 - 3.2 kg/ cm²
Pressure → should be constant (not variable) at application

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	60	80	70
Wet Film Thickness in Micron	240	320	280
Theoretical Spreading Rate (m²/Kg)	3 - 4		3.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	2 – 4 hours approximately

SPECIAL EFFECTS

SIPESTAR

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW CEMENTITIUOS, CONCRETE AND GYPSUM SURFACES
- 1 Coat Latex Sealer 1800
- 1 Coat Si Tone 700
- 2-3 Coats Latex Putty.
- 1 Coat Sipestar.

FOR NEW WOODEN SURFACES
- 1 Coat Hi matt or Si matt (after proper surface preparation).
- 1 Coat Sipestar.

FOR OLD SURFACES
- After sandpapering, clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then follow the same application steps as above.

NOTE for methods of application, please read the product catalog or call the company headquarters.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI GLAZE

PRODUCT DESCRIPTION
Si Glaze is an enamel decorative paint, made of the best quality alkyds. Available in a range of colors by using coloring machines.

PRODUCT CHARACTERISTICS
- Assorted effects.
- Easy application.
- Charming appearance.
- Good and consistent spread of the color.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden, Concrete, Gypsum, Cementitious and Metallic surfaces.

TECHNICAL SPECIFICATION
Final Appearance → Semi-Glossy
Viscosity → 105 ± 5 Kreps (at 25°C temperature and 50% humidity) for the base, according to (ASTM D562-10 (2014))
Density → 0.9 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) for the base, according to (ASTM D1475-13)
% Solids by Volume → 40 ± 2% for the base
Flash Point → 36°C ± 2

METHOD OF APPLICATION
Diluent and proposed % (by volume) → Sipes Spirit (10–15%)
Application Tools → Special tools, as indicated hereinafter

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	75	100	87.5
Theoretical Spreading Rate (m²/liter)	10 - 13		11.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	12 hours approximately

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW CEMENTITIOS, CONCRETE AND GYPSUM SURFACES
- 1 Coat Latex Sealer 1800.
- 2 Coats Gold Crown 300 or Si Gloss.
- 2-3 Coats Latex Putty.
- 1 Coat Si Glaze.

SPECIAL EFFECTS

SI GLAZE

FOR NEW WOODEN SURFACES
- 1 Coat suitable wood sealer.
- 1 Coat Si Glaze.
- 2 Coats Gold Crown 300 or Si Gloss.

FOR OLD SURFACES
- After sand papering, clean the surface with water and suitable detergent. Make sure the surface is fully dry, then follow the same application steps above.

RECOMMENDED METHOD OF APPLICATION
Select the preferable color and apply it to a small area by using the batch number and the colors selected. Conducting multi samples prior to implementation of work is advisable.
1. Add the required color to Si-Glaze and stir well.
2. Si-Glaze may be applied in different methods whereby each method provides a different final appearance. Some such methods and proposed tools are hereby briefly presented:

a. Sponge: This is the simplest and fastest method of applying Si-Glaze. (Natural sea sponge is preferable over the artificial sponge to provide assorted lively effects.)
b. Piece of Fabric: This method of the application provides various effects on walls, such as velvet wrinkle, chamois leather, embroidered fabric, or wet silk. This may be realized by using a piece of fabric. (Using different shapes and types of fabric provides different effects.)
c. Graded Brush: This method of application is preferable on smooth surfaces, by using a graded brush or long-bristle brush.
d. Combing: This method of application uses a combing tool to obtain different shapes like inclined lines, cross lines, or basket knitting.
e. Marbling: This method of application provides marble-like shapes. Use fine brush to paint marble lodes.
f. Plastic Roller: A plastic roller is used to shape different forms.
g. Tapping: This method of application provides smooth and calm effect to the surface. Use a special tapping brush.

For more details on methods of application indicated above please read the product catalouge or call SIPES.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SI STUCCO

PRODUCT DESCRIPTION
Si Stucco is a marble-like decorative paint made of special polymer and high-quality additives. Available in white color. Other required colors could be easily realized by using the coloring machine.

PRODUCT CHARACTERISTICS
- Easy application.
- Good adhesive strength.
- Ideal for old-effect decorations (Attractive marble-like shape).

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications to obtain soft decorative texture. Could also be used as final coat paint on water-based painted surfaces. The final appearance depends on surface preparation.

TYPE OF SURFACE
Concrete, Cementitious, and Gypsum surfaces ..etc.

TECHNICAL SPECIFICATION
Final Appearance	Semi-Glossy
Viscosity	80 ± 10 gm/cm² (at 25°C temperature and 50% humidity for base
Density	1.53 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for base, according to (ASTM D1475-13)
% Solids by Volume	42 ± 2 for base
Flash Point	Non flammable
Volatile Organic Compounds	39 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent	Water
% Dilution (by volume)	As needed
Application Tools	Putty knife.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	105	140	122.5
Wet Film Thickness in Micron	250	333.33	291.66
Theoretical Spreading Rate (m²/liter)	3 - 4		3.43

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)

SPECIAL EFFECTS

SI STUCCO

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat, ..etc.

FOR NEW SURFACES
- 1 Coat Latex Sealer 1800.
- 1-2 Coats Si Tone 700.
- 2-3 Coats Latex Putty.
- 2-3 Coats Si Stucco.

FOR OLD SURFACES
Remove loose layers completely, then clean the surface with water and detergent. Make sure that the surface is fully dry and soft, then apply: • 1 Coat Si Tone 700 then 2 Coats Si Stucco.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
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SPECIAL EFFECTS

AMRANTI SILVER

PRODUCT DESCRIPTION

Sipes Effecto Amranti Silver is an exceptional decorative artistic paint made of acrylic copolymer. It comprises pigments of special effects in addition to high-performance additives to provide a smooth effect and exciting glimmer that enhances the beauty of luxury buildings. SIPES Effecto Amranti Silver is available in a range of attractive colors that could be realized by using paint bases for coloring machines.

PRODUCT CHARACTERISTICS

Provides a luxury velvet appearance through the soft texture of the velvet effect, which adds elegance to your wall.
(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE

Suits indoor applications.

TYPE OF SURFACE

Concrete, Cementitious surfaces, Gypsum boards, Luxury lobbies, Ancient mansions, Villas, Hotels, Ballrooms, and other walls in guest rooms and living rooms.

TECHNICAL SPECIFICATION

Final Appearance	Shiny Silver
Viscosity	140 ± 5 Kreps (at 25°C temperature and 50% humidity according to (ASTM D562-10 (2014))
Density	1.2 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	32 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	89 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	As needed
Application Tools	Brush, Stencil, Malg, and other tools

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	50	60	55
Wet Film Thickness in Micron	156.25	187.5	171.87
Theoretical Spreading Rate (m²/liter)	5 - 6		5.5

DRYING TIME

Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 – 60 minutes
Re-coating	6 – 8 hours

AMRANTI SILVER

RECOMMENDED COATING SYSTEM

All surfaces (new and old) should be clean and free from dust, grease, oil, wax...etc. Before placing the following application, after appropriate preparation of the surface, apply two coats of Si Tone 700 or Duracril 7000

INSTRUCTIONS FOR APPLICATION

Use a brush to cover the entire surface with a coat of SIPES Effecto Amranti Silver. Rotate the Malg in circles over the surface until it gets dry. A Sharp edge is extremely important to define paint edges and sides and avoid the formation of borderlines.

PARTICULAR INSTRUCTIONS FOR APPLICATION

1- Adequate stirring before use.
2- By using such colorants, the color resulting from the mixing process provides an appearance that differs from the angle of vision.

CONDITIONS OF APPLICATION

Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES

1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE

Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY

Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES DECO VELVET

SPECIAL EFFECTS

PRODUCT DESCRIPTION
Sipes Deco Velvet is an exceptional decorative artistic paint made of acrylic copolymer. It has smooth effect and exciting glimmer that enhances the beauty of luxury buildings. Sipes Deco Velvet is available a background of different colors using the coloring machines.

PRODUCT CHARACTERISTICS
Provides luxury velvet appearance through the soft texture of the velvet effect, which adds elegance to your wall.
(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious surfaces, Gypsum boards, Luxury lobbies, Ancient mansions, Villas, Hotels, Ballrooms, and other walls in guest rooms and living rooms.

TECHNICAL SPECIFICATION
- Final Appearance → Silver Effect or other effects
- Viscosity → 135 ± 5 Kreps (at 25°C temperature and 50% humidity according to (ASTM D562-10 (2018))
- Density → 1.22 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13 (2020))
- % Solids by Volume → 30 ± 2
- Flash Point → Non flammable
- Volatile Organic Compounds → 50 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
- Diluent → Water
- % Dilution (by volume) → As needed
- Application Tools → Brush, Stencil, Malg, and other tools

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	50	60	55
Wet Film Thickness in Micron	156.25	187.5	171.87
Theoretical Spreading Rate (m²/liter)	5 - 6		5.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 – 60 minutes
Re-coating	6 – 8 hours

SIPES DECO VELVET

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, grease, oil, wax...etc. Before placing the following application, after appropriate preparation of the surface, apply two coats of Si Tone 700 or Duracril 7000

INSTRUCTIONS FOR APPLICATION
Use a brush to cover the entire surface with a coat of Sipes Deco velvet. Rotate the Malg in circles over the surface until it gets dry. Sharp edge is extremely important to define paint edges and sides and avoid formation of borderlines.

PARTICULAR INSTRUCTIONS FOR APPLICATION
1- Adequate stirring before use.
2- By using such colorants, the color resulting from the mixing process provides an appearance that differs from the angle of vision.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

CLARIFICATION
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SIPES DECO SILVER

SPECIAL EFFECTS

PRODUCT DESCRIPTION
Sipes Deco Silver is an exceptional water-based metallic decorative artistic paint made of acrylic copolymers.

PRODUCT CHARACTERISTICS
- Sipes Deco Silver gives attractive Metal effect.
- High Gloss
- Ensure ease of application to give a luxurious metallic luster in a multitude of attractive finishes.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious surfaces, Gypsum boards, Luxury lobbies, Ancient mansions, Villas, Hotels, Ballrooms, and other walls in guest rooms and living rooms.

TECHNICAL SPECIFICATION

Final Appearance	Shiny silver
Viscosity	110 ± 5 Kreps (at 25°C temperature and 50% humidity according to (ASTM D562-10 (2018))
Density	1.18 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13 (2020))
% Solids by Volume	32 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	20 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent /Cleaner	Ready to use (If necessary dilute, use 5% clean water)
Application Tools	Paint brush, Roller, Stencil, Sea Sponge Malg and other tools

SPREADING RATE
Spreading Rate: 6-7 m^2/L.

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 – 60 minutes
Re-coating	6 – 8 hours

SIPES DECO SILVER

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, grease, oil, wax...etc. Before placing the following application, after appropriate preparation of the surface, apply two coats of Si Tone 700 or Duracril 7000

INSTRUCTIONS FOR APPLICATION
Use a brush to cover the entire surface with a coat of Sipes Deco Silver. Rotate the Malg in circles over the surface until it gets dry. Sharp edge is extremely important to define paint edges and sides and avoid formation of borderlines.

PARTICULAR INSTRUCTIONS FOR APPLICATION
1- Adequate stirring before use.
2- By using such colorants, the color resulting from the mixing process provides an appearance that differs from the angle of vision.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES DECO GOLD

SPECIAL EFFECTS

PRODUCT DESCRIPTION
Sipes Deco Gold is an exceptional water-based metallic decorative artistic paint made of acrylic copolymer.

PRODUCT CHARACTERISTICS
- Sipes Deco Gold gives a bright Gold Metal effect.
- High Gloss.
- Ensure ease of application to give a luxurious metallic luster in a multitude of attractive finishes.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious surfaces, Gypsum boards, Luxury lobbies, Ancient mansions, Villas, Hotels, Ballrooms, and other walls in guest rooms and living rooms.

TECHNICAL SPECIFICATION

Final Appearance	Shiny Gold
Viscosity	115 ± 5 Kreps (at 25°C temperature and 50% humidity according to (ASTM D562-10 (2018))
Density	1.19 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13 (2020))
% Solids by Volume	32 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	20 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent /Cleaner	Ready to use (If necessary dilute, use 5% clean water)
Application Tools	Paint brush, Roller, Stencil, Sea Sponge Malg and other tools

SPREADING RATE
Spreading Rate: 6-7 m^2/L.

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 – 60 minutes
Re-coating	6 – 8 hours

SIPES DECO GOLD

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, grease, oil, wax...etc. Before placing the following application, after appropriate preparation of the surface, apply two coats of Si Tone 700 or Duracril 7000

INSTRUCTIONS FOR APPLICATION
Use a brush to cover the entire surface with a coat of Sipes Deco gold. Rotate the Malg in circles over the surface until it gets dry. Sharp edge is extremely important to define paint edges and sides and avoid formation of borderlines.

PARTICULAR INSTRUCTIONS FOR APPLICATION
1- Adequate stirring before use.
2- By using such colorants, the color resulting from the mixing process provides an appearance that differs from the angle of vision.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES DECO SAND

SPECIAL EFFECTS

PRODUCT DESCRIPTION
Sipes Deco Sand is a special effect, water based decorative paint with an elegant, premium quality, Coarse finish, enriched with attractive pearlescent colors. It is ready to use. With easy application can be obtained many aesthetic effects and reflections.

PRODUCT CHARACTERISTICS
- Easy to use
- Creates elegant, shimmering reflections to walls for a pearlescent finish
- Hides unevenness of the wall surface

(Produced in compliance with Ministerial Decree No. 181/1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cementitious surfaces, Gypsum boards, Luxury lobbies, Ancient mansions, Villas, Hotels, Ballrooms, and other walls in guest rooms and living rooms.

TECHNICAL SPECIFICATION

Final Appearance	Pearlescent rough finish
Viscosity	135 ± 5 Kreps (at 25°C temperature and 50% humidity according to (ASTM D562-10 (2010))
Density	1.30 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13 (2020))
% Solids by Volume	47 ± 2
Flash Point	Non flammable

METHOD OF APPLICATION

Diluent /Cleaner	Ready to use
Application Tools	Brush

SPREADING RATE AVERAGE
9-12 m²/L.

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	About 1 to 2 hours
Re-coating	After about 2-3 hours

SIPES DECO SAND

RECOMMENDED COATING SYSTEM
All the new and old substrates should be cleaned properly to make them free from dirt, grease, oil, wax, etc. After proper surface preparation, application of two coats of Si Tone 700 or Duracril 7000.
Apply Sipes Deco Sand by special brush using random crossed and continuous movements till the entire surface is covered. Use a comb to create patterns such as zigzags, wavy lines or swirls in wet paint.

FOR NEW SURFACES
Prepare the surface as recommended in Sipes Paints Technical Guide.
- 1-2 Layers of SIPES Latex Putty and let it to get full dry.
- 1-2 Coats of Si Tone 700 or Duracril 7000.
- 1 Coat of Sipes Deco Sand.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
One year from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES DECO SOFT SAND

SPECIAL EFFECTS

PRODUCT DESCRIPTION
Sipes Deco Soft Sand is a water-based decorative product which is designed to give all users the possibility to prestigiously decorate the walls of their homes with a few brush strokes, with extreme ease and immediacy, achieving decoratively important results of high aesthetic value, and all within a short space of time.it gives the attractive effect of soft Swahili Finish.

PRODUCT CHARACTERISTICS
(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Cement, Gypsum Board, Plaster, etc.

TECHNICAL SPECIFICATION

Final Appearance	Italian style of special effect
Viscosity	120 ± 5 Kreps (at 25°C temperature and 50% humidity according to (ASTM D562-10 (2018))
Density	1.20 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13 (2020))
Flash Point	Non flammable
Volatile Organic Compounds	199 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent /Cleaner	Ready to use
Application Tools	Brush

SPREADING RATE AVERAGE
6-10 m² per 1 litre of product.

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	2-3 hours

SIPES DECO SOFT SAND

RECOMMENDED COATING SYSTEM
When the wall is dry, Sipes Deco Soft Sand (in the chosen colour) is applied in a single coat in a crisscross manner, simply laying it with the brush. No further coat, touch-up or passage of other tools is required.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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DECOGUARD

PRODUCT DESCRIPTION
Decoguard is a Clear Protecting Varnish made of high quality acrylic pure 100%. It is applied as topcoat special effects, like EFFECTO Groups or matt water-based paints .etc.

PRODUCT CHARACTERISTICS
Provides smooth finish resistance against water, stains, dirt, and dust.
(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits recently painted indoor and outdoor surfaces.

TECHNICAL SPECIFICATION

Final Appearance	Clear
Viscosity	95 ± 5 Kreps (at 25°C temperature and 50% humidity according to (ASTM D562-10 (2018))
Density	1.02 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13 (2020))
% Solids by Volume	16 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	37 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(10 – 15%)
Application Tools	Preferably roller and brush.

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	25	30	27.5
Wet Film Thickness in Micron	125	150	137.5
Theoretical Spreading Rate (m²/liter)	6.5	5.25	5.8

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	1 hour

SPECIAL EFFECTS

DECOGUARD

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat ..etc.

FOR NEW SURFACES
- 1 coat of Effecto product.
- 1 Coat of Decoguard.

FOR OLD SURFACES:
Clean the surface with water and suitable detergent. Make sure the surface is fully dry, then apply:
- 1 coat Decoguard as topcoat.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point.
Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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WOOD PAINTS

SI WOOD 223
SI WOOD 225
ULTRA CLEAR
VARNO

SI WOOD 223

PRODUCT DESCRIPTION
Si Wood 223 is a high-quality glossy varnish made of the best-quality polyurethane resins.

PRODUCT CHARACTERISTICS
- Excellent durability and high resistance to abrasion.
- High ability to maintain gloss.
- High resistance to corrosion.
- Excellent choice for parquet.

(Complies with the Egyptian Standard Specification No. 6836)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden surfaces like Floors, Kitchens, Furniture, Cabins, Boats ...etc.

TECHNICAL SPECIFICATION
Final Appearance	Glossy
Viscosity	105 ± 3 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	0.93 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	49 ± 2
Flash Point	36°C ± 2

METHOD OF APPLICATION
Diluent	Sipes Spirit
% Dilution (by volume)	(3 – 5)
Application Tools	Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	61.2	81.6	71.4
Theoretical Spreading Rate (m²/liter)	12 - 16		14

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	6 hours approximately
Re-coating	18 hours approximately

WOOD PAINTS

SI WOOD 223

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW WOODEN SURFACES
- 1-2 Coats Wood Sealer.
- 2 Coats Si Wood 223

FOR OLD WOODEN SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply coats as indicated above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SIPES®

SI WOOD 225

PRODUCT DESCRIPTION
Si Wood 225 is a high-quality matt varnish made of the best-quality modified polyurethane resins.

PRODUCT CHARACTERISTICS
- High adhesive strength and high resistance to scratching and abrasion.
- Wonderful matt smooth appearance.
- Excellent durability.

(Complies with the Egyptian Standard Specification No. 6836)

RECOMMENDED USE
Suits indoor surfaces.

TYPE OF SURFACE
Wooden surfaces like Floors, Kitchens, Furniture, Cabins, Boats ...etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	50 ± 3 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	0.93 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	40 ± 2
Flash Point	36°C ± 2

METHOD OF APPLICATION

Diluent	Sipes Spirit
% Dilution (by volume)	as needed
Application Tools	Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	75	100	87.5
Theoretical Spreading Rate (m²/liter)	10 - 13		11.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	6 hours approximately
Re-coating	18 hours approximately

WOOD PAINTS

SI WOOD 225

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW WOODEN SURFACES
- 1-2 Coats Wood Sealer.
- 2 Coats Si Wood 225

FOR OLD WOODEN SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply coats as indicated above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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ULTRA CLEAR

WOOD PAINTS

PRODUCT DESCRIPTION
Ultra Clear is a varnish made of the best-quality alkyd resins modified with polyurethane.

PRODUCT CHARACTERISTICS
- High resistance to abrasion and scratching.
- High adhesive strength.
- Extreme durability.
- Excellent flow properties.
- High ability to retain gloss.

(Complies with the Egyptian Standard Specification No. 508)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden surfaces like Floors, Kitchens, Furniture, Cabins, Boats ...etc.

TECHNICAL SPECIFICATION
Final Appearance → Glossy
Viscosity → 125 ± 3 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density → 0.93 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume → 48 ± 2
Flash Point → 36°C ± 2

METHOD OF APPLICATION
Diluent → Sipes Spirit
% Dilution (by volume) → (10 – 15)
Application Tools → Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle → 150 Kg/cm² (2100 psi)
Nozzle head → 0.013 – 0.021
Spray angle → 65° - 80°
Filter → Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	62.5	83.3	72.9
Theoretical Spreading Rate (m²/liter)	12 - 16		14

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	6 hours approximately
Re-coating	18 hours approximately

ULTRA CLEAR

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW WOODEN SURFACES
- 1-2 Coats Suitable Wood Sealer..
- 2 Coats Ultra Clear Varnish.

FOR OLD WOODEN SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply coats as indicated above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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VARNO

PRODUCT DESCRIPTION
Varno is a wonderful transparent high-gloss varnish made of quality alkyd resins.

PRODUCT CHARACTERISTICS
- High ability to retain gloss.
- High adhesive strength.
- Good durability and good resistance to weather conditions

(Complies with the Egyptian Standard Specification No. 508)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden surfaces like Furniture, Doors, Frames ...etc.

TECHNICAL SPECIFICATION

Final Appearance	Glossy
Viscosity	135 ± 3 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	0.96 ± 0.03 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	54 ± 2
Flash Point	36°C ± 2

METHOD OF APPLICATION

Diluent	Sipes Spirit
% Dilution (by volume)	(10 – 15)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	55.5	74	64.8
Theoretical Spreading Rate (m²/liter)	12 - 16		14

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	6 hours approximately
Re-coating	18 hours approximately

WOOD PAINTS

VARNO

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW WOODEN SURFACES
- 1-2 Coats Suitable Wood Sealer.
- 2 Coats Varno.

FOR OLD WOODEN SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply coats as indicated above.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.
4. Spreading rate for colors developed in coloring machines depends on selected colors.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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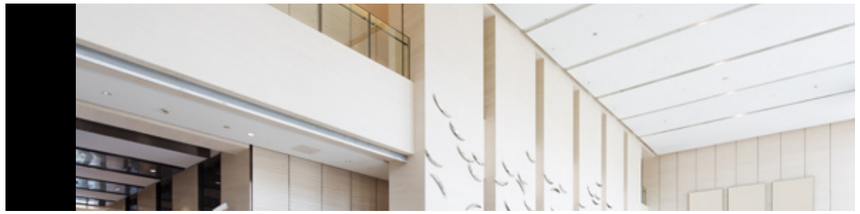
SWIFT FAMILY

ECONOMIC LINE

SWIFT SEALER
SWIFT PUTTY
SWIFT GLOSS ENAMEL
TOP TONE



SWIFT SEALER

PRODUCT DESCRIPTION
Swift sealer is a water-based emulsion sealer made of the acrylic copolymer.

PRODUCT CHARACTERISTICS
- Good penetration into surfaces, which provides good adhesive strength.
- Good resistance to water and alkalis.
- Good whiteness.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Gypsum, Cementitious Surfaces.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	105 ± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	1.40 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	32 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	15 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(10 – 15)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	93.75	125	109.37
Theoretical Spreading Rate (m²/liter)	8 - 11		9.5

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

SWIFT FAMILY

SWIFT SEALER

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW SURFACES
- 1 Coat Swift Sealer.

FOR OLD SURFACES
Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply:
- 1 Coat of Swift Sealer.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SWIFT PUTTY

PRODUCT DESCRIPTION
Swift Putty is a putty made of acrylic copolymer and high-quality additives to provide good performance.

PRODUCT CHARACTERISTICS
- High consistency.
- Easy application and workability.
- Good characteristics of filling porous surfaces and small holes...etc.
- Excellent with sandability.
- Good whiteness.
- Provides smooth surface.

(Produced in compliance with Ministerial Decree No. 6623)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Gypsum, Cementitious, and Surfaces...etc.

TECHNICAL SPECIFICATION
Final Appearance	Matt
Gel Strength	340 ± 10 gm/cm² (at 25°C temperature and 50% humidity)
Density	1.73 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	53 ± 2
Flash Point	Non flammable
Volatile Organic Compounds	18 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION
Diluent	Water
% Dilution (by volume)	As needed
Application Tools	Putty knife and Steel Malg

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	95	140	117.5
Wet Film Thickness in Micron	179.25	264.15	221.7
Theoretical Spreading Rate (m²/Kg)	2 - 3		2.57

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying	30 minutes (minimum)
Re-coating	2 hours (minimum)

SWIFT FAMILY

SWIFT PUTTY

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW CEMENTITIOUS SURFACES
- 1 Coat Swift Sealer.
- 2-3 Coats Swift Putty.

FOR OLD SURFACES
Use sandpaper, then clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then apply: • 1 or 2 Coats of Swift Putty.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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SWIFT GLOSS ENAMEL

PRODUCT DESCRIPTION
Swift Gloss Enamel is an economic oil based paint, made of quality alkyds. Available in white color and in a range of attractive colors.

PRODUCT CHARACTERISTICS
- Good whiteness and coverage (for white color).
- Easy application.
- Excellent gloss and gloss retention.

(Produced in compliance with Ministerial Decree No. 181/ 1996)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Wooden, Furniture, Concrete, Cementitious and Metallic surfaces as final coat.

TECHNICAL SPECIFICATION
Final Appearance	Glossy
Viscosity	117 ± 5 Kreps (at 25°C temperature and 50% humidity) for white color, according to (ASTM D562-10 (2014))
Density	1.10 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) for white color, according to (ASTM D1475-13)
% Solids by Volume	27 ± 2 for white color
Flash Point	36°C ± 2

METHOD OF APPLICATION
Diluent	Sipes Spirit
% Dilution (by volume)	(5 – 10)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER
Pressure at nozzle	150 Kg/cm² (2100 psi)
Nozzle head	0.013 – 0.021
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	30	40	35
Wet Film Thickness in Micron	111.1	148.14	129.6
Theoretical Spreading Rate (m²/liter)	7 - 9		8

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	5 hours approximately
Re-coating for white color	16 hours approximately

SWIFT FAMILY

SWIFT GLOSS ENAMEL

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW CEMENTITIOUS, CONCRETE AND GYPSUM SURFACES
- 1 Coat Swift Sealer.
- 2-3 Coats Swift Putty.
- 1 Coat Hi matt.
- 2 Coats Swift Gloss (white / color).

FOR NEW METALLIC SURFACES
- 1 Coat suitable anti-rust primer.
- 1 Coat Hi-Matt.
- 2 Coats Swift Gloss (white / color).

FOR NEW WOODEN SURFACES
- 1 Coat Hi matt after proper surface preparation.
- 2 Coats Swift Gloss (white / color).

FOR OLD SURFACES
Clean the surface with water and suitable detergent. Make sure that the surface is fully dry, then follow the same application steps above.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
Please read the protection instructions indicated on the container. Use in well-ventilated environment. Do not breathe or inhale mist. Avoid skin contact. Spillage on skin should be removed immediately with suitable cleanser and water. In case of contact with eyes, flush eye properly with abundant water and seek medical attention immediately. Keep away from the reach of children.

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TOP TONE

PRODUCT DESCRIPTION
Top Tone is a smooth matt paint made of acrylic copolymer.

PRODUCT CHARACTERISTICS
- High whiteness and good coverage.
- Good resistance to water and alkalis.
- Washable.

(Complies with the Egyptian Standard Specification No. 1539)

RECOMMENDED USE
Suits indoor applications.

TYPE OF SURFACE
Concrete, Gypsum, Cementitious, and Surfaces...etc.

TECHNICAL SPECIFICATION

Final Appearance	Matt
Viscosity	130 ± 5 Kreps (at 25°C temperature and 50% humidity) according to (ASTM D562-10 (2014))
Density	1.63 ± 0.05 gm/cm³ (at 25°C temperature and 50% humidity) according to (ASTM D1475-13)
% Solids by Volume	44 ± 2 (for white color)
Washing Resistance	More than 3000 washing cycles, in accordance with the Egyptian Standard Specification No. 1539
Flash Point	Non flammable
Volatile Organic Compounds	26 gm/liter (according to Environmental Protection Agency – Method 24)

METHOD OF APPLICATION

Diluent	Water
% Dilution (by volume)	(15 – 20)
Application Tools	Roller, Brush, Sprayer

INSTRUCTIONS FOR THE USE OF AIRLESS SPRAYER

Pressure at nozzle	140 – 190 Kg/cm² (2100 psi)
Nozzle head	0.021 – 0.027
Spray angle	65° - 80°
Filter	Should be clean

FILM THICKNESS AND SPREADING RATE

	Min. Thickness	Max. Thickness	Average
Dry Film Thickness in Micron	55	70	62.5
Wet Film Thickness in Micron	110	140	125
Theoretical Spreading Rate (m²/liter)	6 - 8		7

SWIFT FAMILY

DRYING TIME
Generally, drying time depends on air draft, temperature, film thickness, selected colors, and number of coats. Data in schedule is measured at 25°C temperature and 50% humidity:

Surface Drying for white color	30 minutes (minimum)
Re-coating for white color	2 hours (minimum)

RECOMMENDED COATING SYSTEM
All surfaces (new and old) should be clean and free from dust, oil, fat...etc.

FOR NEW SURFACES
- 1 Coat Swift Sealer /latex sealer 1800
- 2-3 Coats Swift Putty/ Flexi putty.
- 2 Coats Top Tone.

FOR OLD SURFACES
Remove loose layers completely, then clean the surface with water and detergent. Make sure that the surface is fully dry and soft then apply: • 2 coats Top Tone.

CONDITIONS OF APPLICATION
Temperature of surface to be painted should not be lower than 10°C and 3°C above dew point. Appropriate air temperature and humidity should be observed.

GENERAL NOTES
1. Actual spreading rate depends on many factors like surface condition, effectiveness of application tool, film thickness, surface porosity, surface defects, temperature, quantity lost during application .. etc.
2. Maximum spreading rate for one coat may be realized by minimizing the dry film thickness, and vice versa.
3. Paint should be mixed before use if it is made of different batches.

STORAGE
Two years from production date, provided that proper storage conditions are observed. The product should be stored in compliance with storage instructions. The product should be stored in a cool well-ventilated environment, away from direct sun and heat. The container should be sealed tightly after use.

HEALTH AND SAFETY
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