



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.
 - Superior coverage and whiteness.
 - Ease of application.
 - 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 (2018))
Density	→	1.37 ± 0.05 gm/cm ³ (at 25°C temperature and 50% humidity)
	→	according to (ASTM D1475-13 (2020))
% 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/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	30	40	35
Wet Film Thickness in Micron	77	102	90
Theoretical Spreading Rate (m ² /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.

CLARIFICATION

The information in this Technical Specification is given to the best of our knowledge. It is based on laboratory tests and practical experience. Sipes takes no responsibility for consequences of breaching the instructions. The Company reserves the right to change data herein without notice.

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