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.
(Complies with the Egyptian Standard Specification No. 1539)

• Superior coverage and whiteness.
• Easy clean-up.

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.

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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