Modern Chemical Industries, S.A.E.
Paints · Coatings | Corniche Embaba, Al Warraq, Giza, Egypt | Established 1978

SOLID 9000 EMULSION SEMI-GLOSS

Semi-Gloss Acrylic Emulsion Paint for Interior and Exterior Surfaces — Solid Architectural Line

PRODUCT DESCRIPTION

Solid 9000 Emulsion Semi-Gloss is a white semi-gloss emulsion paint. It offers excellent resistance to washing and abrasion, and excellent resistance to weather conditions, being composed of high-quality acrylic raw materials. It is characterized by excellent coverage and can be applied to all concrete and gypsum surfaces.

KEY FEATURES

- Attractive semi-gloss finish
- Excellent resistance to washing and abrasion
- Excellent resistance to weather conditions
- Excellent coverage
- Composed of high-quality acrylic raw materials

RECOMMENDED USES

- Decoration work and interior and exterior finishing
- All concrete and gypsum surfaces

SURFACE PREPARATION

The surface must be free from dust, grease, and oils. If such materials are present, they must be removed by sanding before starting application.

TECHNICAL & PHYSICAL PROPERTIES

Property	Value
Color	White
Solids Content by Weight	49% ± 2%
Solids Content by Volume	20% ± 2%
Specific Gravity	1.58 ± 0.02 g/cm³
Viscosity	115 ± 2 KU
Dry Film Thickness	58 - 78 microns
Wet Film Thickness	125 - 170 microns
Theoretical Spreading Rate	6 - 8 m²/L
Shelf Life	2 years from production date, in a sealed container under proper storage conditions

APPLICATION GUIDELINES

Parameter	Recommendation
Application Method	Roller or brush, after thinning with water to a suitable consistency
Airless Spray Pressure	140 - 190 kg/cm² (2100 psi)
Nozzle Tip	0.021" - 0.027"
Spray Angle	60° - 80°
Filter	Check to ensure it is clean
Thinning / Cleaning	Water

DRYING TIME

Stage	Value
Surface Dry	4 h at 10°C | 1 h at 23°C | 30 min at 40°C

Through and Complete Dry	6 h at 10°C | 3 h at 23°C | 1 h at 40°C
Minimum Interval Before Recoating	6 h at 10°C | 3 h at 23°C | 1 h at 40°C

Figures apply under good ventilation, typical film thickness, one coat of paint, and 70% relative humidity. Drying time depends on ventilation, temperature, film thickness, and the number of coats applied.

RECOMMENDED PAINT SYSTEM

- Trix Wall Sealer — 1 coat
- Solid 707 Putty — 2 coats, applied with a putty knife
- Solid 3000 Emulsion Matt Emulsion Matt — 2 coats
- Solid 9000 Emulsion Semi-Gloss Emulsion Semi-Gloss — 1 coat

STORAGE

Store in a cool, dry, well-ventilated place, away from direct sunlight, heat sources, and extreme temperatures. Keep containers tightly closed when not in use. Protect from frost. Do not return unused material to its original container, to avoid contamination.

HEALTH & SAFETY

- Observe all warning and precautionary labels displayed on the container.
- Ensure application takes place in a well-ventilated area.
- Avoid skin and eye contact. Wear overalls, gloves, and goggles where appropriate.
- In case of eye contact, flush immediately with plenty of clean running water and seek prompt medical attention.
- Keep out of reach of children.
- Do not empty into drains or watercourses. Dispose of waste in accordance with local regulations.
- A Safety Data Sheet is available for this product and should be consulted for full handling and disposal information.

The information in this data sheet is given to the best of our knowledge, based on laboratory testing and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the quality of the product itself. We reserve the right to change the given data without notice.