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

SOLID DEEP SEAL

Clear Solvent-Based Acrylic Penetrating Sealer for Gypsum and Cement Plaster — Solid Line

PRODUCT DESCRIPTION

Solid Deep Seal is a clear, alkali-resistant, solvent-based acrylic penetrating sealer. It is formulated to penetrate deeply, block pores, and improve adhesion of the subsequent paint coats. It is the recommended base coat on gypsum plaster before applying gloss finishes, and it protects the plaster beneath in humid and warm areas such as kitchens and bathrooms.

KEY FEATURES

- Excellent penetrating properties
- Outstanding adhesion for subsequent coats
- Recommended base coat on gypsum plaster before gloss finishes
- Performs well in humid and warm areas such as kitchens and bathrooms
- Moisture resistant
- Helps insulate and protect surfaces for long periods
- Reduces final paint consumption
- Alkali resistant

RECOMMENDED USES

- Gypsum plaster walls and ceilings, including kitchens and bathrooms
- Base coat before gloss and semi-gloss topcoats
- New or old exterior surfaces
- Bricks, cement, concrete, and cement plaster
- Gypsum boards and artificial stone

SURFACE PREPARATION

The surface must be dry, clean, and free from grease, oil, and dust. Any contamination must be removed before application. Surface temperature should not be less than 5°C. The air must be free of dust during application and drying. Stir well before use.

TECHNICAL & PHYSICAL PROPERTIES

Property	Value
Color	Clear
Finish	Matt
Solids Content by Weight	23% ± 2
Specific Gravity	0.92 g/cm³ (ASTM D1475-98)
Theoretical Spreading Rate (without dilution)	9 - 11 m²/L
Shelf Life	24 months from the date of manufacture, stored in a dry, cool area away from direct sunlight and heat in its original sealed packaging

APPLICATION GUIDELINES

Parameter	Recommendation
Application Method	Brush, roller, or spray gun
Dilution	Maximum 10% for the first coat
Thinning	MCI Thinner
Application Note	It is recommended that this product is applied by a professional applicator

DRYING TIME

Stage	Value
Surface Dry	40 minutes
Hard Dry	60 minutes
Dry to Overcoat	100 minutes

Measured at 25°C and 50% relative humidity. Temperature, humidity, air movement, film thickness, and the number of coats all affect drying time. The practical spreading rate depends on surface porosity, surface preparation method, and method of application.

RECOMMENDED PAINT SYSTEM

- Solid Deep Seal — 1 coat on the prepared surface
- Topcoat: a suitable gloss, semi-gloss, or matt system as required
- Depending on specific needs, several paint systems may be applied

STORAGE

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

HEALTH & SAFETY

- FLAMMABLE LIQUID. Keep away from heat, sparks, open flames, and all other sources of ignition. No smoking during application or storage.
- Vapours are heavier than air and may accumulate at floor level. Ensure thorough ventilation at low level during application and drying.
- Observe all warning and precautionary labels displayed on the container.
- Avoid inhalation of vapour and spray mist. Wear a suitable respirator, overalls, gloves, and goggles.
- Avoid skin and eye contact. 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 and contaminated materials 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.