

# PENETRATING SEALER

## PRODUCT DESCRIPTION

Emirates Penetrating Sealer is a water-dilutable vinyl-acrylic copolymer emulsion that offers excellent penetration and adhesion on porous surfaces.

## PRODUCT FEATURES

- Excellent penetration
- Good sealing property
- Fast drying
- Excellent adhesion
- Good alkali resistance
- Anti-fungal additives
- Anti-bacterial additives

## RECOMMENDED USE

This product is recommended as a general-purpose, clear penetrating primer for porous and slightly chalky surfaces, including concrete, plaster, gypsum, stucco filler, and asbestos, to achieve maximum performance of subsequent coatings.

\*Used for interior and exterior applications.

## TECHNICAL SPECIFICATIONS

Color	Clear
Finish	Matt
Spreading Rate	12 - 8 m <sup>2</sup> / litre
Volume Solids (ASTM d2697)	24 ± 2%
Specific Gravity	1.18 ± 0.05
Dry Film Thickness	20 - 30 Microns / Coat
Wet Film Thickness	85 - 125 Microns / Coat
Flash Point	Water Base



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### APPLICATION DATA

Application Method	Roller, Brush, Spray
Thinner	Water (10 – 15% depending on the method of application)
Conventional Spray Requirements	Possible
Airless Spray Requirements	Nozzle Size: 0.018" – 0.020" Pressure: 2000 – 2500 psi
Mixing Ratio by Weight	NA
Pot life @30°C	NA

### SURFACE PREPARATION

The surface must be clean, dry, and free from oil, grease, dust, and loose particles before application.

### DRY TIME

Touch Dry	15 – 30 minutes
Dry to Recoat	1 – 2 hours
Full Dry	4 – 6 hours

\*Based on temperatures at 30 degrees Celsius.

\*Humidity, air movement, film thickness and number of coats may impact dry time.

### RECOMMENDED SYSTEM

Emirates Penetrating Sealer	1 Coat
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### HEALTH & SAFETY

Water-based paints are generally quite safe to handle with precautions. -General rule- avoid skin and eye contact by wearing overalls, gloves, goggles, masks, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap or a suitable cleaner. The eye should be flushed with fresh water. Avoid inhalation of vapors and paint mist by wearing a suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be applied in a well-ventilated area, and Local safety regulations must be followed.

### STORAGE & HANDLING

We highly recommend storing our paint in proper storage conditions as per your local regulations. Keep the paint container sealed and away from direct sunlight and extreme temperatures. Do not keep paint material near any ignition sources. Do not return the half or unused material back to the original container containing the supplied paint to avoid contamination. Handle with care and mix well before use.

### SHELF LIFE

\*For best results, please use within 18 months of the production date.

\*Shelf life can be highly affected by storage conditions, in particular, the method of sealing the container.

### DISCLAIMER

*The data provided is based on our present state of knowledge and is intended to provide general information about our product and its uses. Emirates Paints will not be responsible for any claims after the product had been used without proper testing. Any existing industrial property rights must be observed. The quality of our product is guaranteed under our general conditions of sales.*

