Gulf Shield Penetrating Primer Anti-septic (W.B)

Product Description

Gulf Shield Penetrating Primer Anti-septic (W.B) is based on 100% pure acrylic water base product, specially selected to provide maximum penetrating properties with excellent alkali resistance. It has anti-septic additives.

Recommended Usage

It is highly recommended as penetrating primer sealer for concrete, plastered wall, bricks, above false-ceiling and wood work.

Technical Data

Color	Transparent.		
Finish	Smooth / Matt		
Solid Content	35% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	100	128.5	114
Dry film thickness (microns)	35	45	40
Theoretical spreading rate (m2/ltr.)	10	7.7	8.75
Viscosity	9 - 11 poises @ 25ºC.		
Specific gravity	1.25 ± 0.05 gm/cm³		
Drying time	Dry to touch (hours)		2
	Dry to recoat (hours)		6
Thinner / Cleaning	Fresh water		

Hint

Theoretical spreading rate is a value that depends on solid content and desired dry film thickness by the following equation:

$$\text{Theoretical spreading rate} = \frac{10 \times \text{solid content by volume}}{\text{DFT in microns}}$$

Application Data

Surface Preparation

The surface must be clean, dry and free from dust, oil, grease and any contaminations.

Tools

Brush or roller.

Application Method

Apply two coats of Gulf Shield Penetrating Primer Anti-septic (W.B) by brush or roller thinned with fresh water (10-15% by volume).

Packing size

- 1 liter, 1 US gallon and 5 US gallons plastic or steel cans (for local).
- 1 liter, 1 US gallon, 18 liters steel cans (for export).

Storage

- The product should be stored in a dry, cool place and away from direct sun light.
- Cans should be well closed, classified according to the material's base and to be arranged by a maximum 3 plastic cans/row and 5 steel cans/row.

Health and safety

- Inhalation Risks:

  Vapor or mist can cause headache, nausea & irritation of the nose throat & lungs.

- Skin & Eye Contact:

  Use good personal hygiene practices while working with this material. Dry contaminated clothing before reuse. For eye contact, flush with fresh water for at least 15 minutes. If irritation persists, get medical attention.

- Skin Absorption : None expected.

- Ingestion Health Risks:

  It may be harmful or fatal. If swallowed ingestion may cause nausea, vomiting & diarrhea. Consult a physician.

- Health Hazards : Acute & chronic (not expected).

- Emergency & First Aid Procedures:

1. Dermal : Clean with soap & water.
2. Ingestion : Consult a physician.
3. Inhalation : Remove to fresh air.

Fire & Fire Fighting Data

Flash Point : None.
Flammable Limits : None.
Extinguishing Media : Foam, Alcohol Foam, Co2, Dry Chemical or Water.

Physical / Chemical Characteristics

Vapor Density : Heavier than air.
Evaporation Rate : Slower than other.
Solubility in Water : Soluble.
Appearance & Odor : Liquid, Mild Odor

For more information please refer to the Material Safety Data Sheet.