

Gulf Shield Fine Tex

Product Description

Gulf Shield Fine Tex is a 100% pure acrylic binder water based product, specially formulated to withstand the harassment of gulf weather with good flexibility. It contains a selected rock-hard aggregate which provides a decorative and protective coating and has ability to cover minor defect in the surface. It has very good weather resistance, anti-carbonation, water resistance, crack bridging up to 0.5 mm, non-yellowing and alkali resistance properties.

Recommended Usage

To be used for exterior and interior concrete, plaster, brick and masonry surfaces.

Technical Data

Color	As per our color card.		
Finish	Texture / Eggshell.		
Solid Content	48% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	188	229	208
Dry film thickness (microns)	90	110	100
Theoretical spreading rate (m ² /ltr.)	5.3	4.4	4.8
Viscosity	Thick paste		
Specific gravity	1.30 ± 0.05 gm/cm ³		
Drying time	Dry to touch (hours)		3
	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, roller or spray.

Spray Data

Pressure at nozzle : 180-200 kg/cm² (2100 PSI)
 Nozzle tip : 0.021"- 0.031"
 Spray Angle : 40 -80°
 Filter : be sure that the filters are clean.

WATER BASE

Application Method

Apply two coats of **Gulf Shield Fine Tex** as a top coat by brush, roller or spray thinned with fresh water (10-15% by volume).

Recommended paint system

- Gulf shield penetrating primer W.B If needed 1 coat
- Gulf Shield Tex Primer 1 coat
- **Gulf Shield Fine Tex** 2 coats

Note: paint system may be varying according to the substrate.

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.

WATER BASE

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.