Gulf Shield Superior

Product Description

Gulf Shield Superior is 100 % special pure acrylic binder designed to reflect the heat away from the surfaces depend on infrared reflective pigment provide powerful coating with excellent indoor thermal comfort and lower energy consumption used for keeping buildings cool. Gulf shield superior provides long lasting anti carbonation paint, UV resistance, low dirt pick up, crack bridging ability, alkali, algae, fungus resistance and low VOC count.

Recommended Usage

To be used as a top coat for exterior surfaces such as concrete, cement, plaster, brick and wood.

Technical Data

Color	White or as per our color card		
Finish	Smooth / Matt		
Solid Content	40% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	100	125	112.5
Dry film thickness (microns)	40	50	45
Theoretical spreading rate (m2/ltr.)	10	8	8.8
Viscosity	9 - 11 poises @ 25ºC.		
Specific gravity	1.25 ± 0.05 gm/cm³		
Drying time	Dry to touch (hours)		3
	Dry to recoat (hours)		8
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 Superior (top coat) by brush or roller thinned with fresh water (10-15% by volume).

Recommended paint system for exterior

- Falco Penetrating Primer S.B — 1 coat
- Gulf Shield Primer — 1 coat
- Gulf Shield Superior — 2 coats

OR

- G.P.I Acrylic Primer — 1 coat
- G.P.I Acrylic Texture — 1 coat
- Gulf Shield Superior — 2 coats

For ultimate protection:

- Falco Penetrating Primer S.B — 1 coat
- Gulf Shield Thermo — 1 coat
- Gulf Shield Superior — 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.

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.