

Gulf Shield Silk Gloss

Product Description

Gulf Shield Silk Gloss is water based on 100% pure acrylic binder, specially selected to provide maximum weathering, water and concrete carbonation resistance giving durable and long lasting to coat to the surfaces with low dirt pick up.

Usage

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

Technical Data

Color	White or as per our color card.		
Finish	Silky/Glossy.		
Solid Content	38% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	88	105	92
Dry film thickness (microns)	30	40	35
Theoretical spreading rate (m ² /ltr.)	12.5	9.5	10.8
Viscosity	9 - 11 poises @ 25°C.		
Specific gravity	1.20 ± 0.05 gm/cm ³		
Drying time	Dry to touch (hours)		2
	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 thinness 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 : 140-190 kg/cm² (2100 PSI)
 Nozzle tip : .021" - .027"
 Spray Angel : 65-80°
 Filter : be sure that the filters are clean.

WATER BASE

Application Method

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

Recommended paint system for interior

- Falco Sealer Primer (P.V.A) 1 coat
- Falco Stucco Putty 2 coats
- **Gulf Shield Silk Gloss** 2 coats

Recommended paint system for exterior

- Falco Penetrating Primer S.B (if required) 1 coat
- Gulf Shield Primer 1 coat
- G P Acrylic Putty for hair crack only.
- **Gulf Shield Silk Gloss** 2 coats

Acrylic shield system for exterior

- Falco Acrylic Primer or Falco G P Acrylic Primer 1 coat
- Falco G P I Acrylic (Texture or Spray Compound) 1 coat
- **Gulf Shield Silk Gloss** 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 liter 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 base and to be arranged by a maximum 3 plastic cans/row and 5 metal 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:
Could be harm 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.

WATER BASE

3. Inhalation : Remove to fresh air.

FIRE & FIRE FITTING DATA

Flash Point : Nil.
Flammable limits in air by vol. : Lower & Upper % = Nil.
Extinguishing Media : Foam, Alcohol foam, CO₂, Dry chemical, and water.

Special Fire Fitting Procedures:

Water may be used to cool closed container to prevent pressure build up when exposed to extreme heat, water, adequate fire fighting equipment including a self contained breathing apparatus.

Unusual Fire & Explosion Hazard : Polymer film can burn, material can splatter above 212 F. Degree.

PHYSICAL / CHEMICAL CHARACTERISTICS

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

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