

Gulf Guard 800

Product Description

Gulf Guard 800 is based on pure aliphatic acrylate single component solvent based product. Its high performance through comprehensive barrier against carbon dioxide, water, sulfates and chloride ions. Its breath ability against surface moisture and durability against U.V.

Recommended Usage

To be used as a top coat for concrete structures including square parts of bridge columns, bridges concrete supporters, building, bridge structures. It is recommended to carry

Technical Data

Color	White or as per our color card		
Finish	Smooth / Glossy, Semi Gloss or Matt.		
Component	Single		
Solid contents	44 % ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	227	454	341
Dry film thickness (microns)	100	200	150
Theoretical spreading rate (m ² /ltr.)	4.4	2	2.9
Specific gravity	1.25 ± 0.05 gm/cm ³ .		
Drying time	Dry to touch (hours)		1/2
	Dry to recoat (hours)		6
Thinner / Cleaning	Falco Thinner 111		

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.

Application Method

Apply one or two coats of Gulf Guard 800 (top coat) by brush, roller thinned with Thinner 111 (10-15% by volume).

Recommended paint system:

- Gulf silane Siloxane 1 coat
- Gulf Guard 800 1 -2 coats

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

Packing size

- 1 liter, 1 US gallon and 5 US gallons 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 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 : Not 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 : closed cup 25° C.
- Flammable limits : None.
- Extinguishing media : Foam, Alcohol Foam, CO2 and dry chemical.

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.