

Falco Modified Silicon Putty

Product Description

Falco Modified Silicon Putty is based on styrene acrylic modified with silicon water based product. It is providing excellent permeability to the substrates with water absorption resistance. It gives good surface leveling and very smooth finish. It contains anti fungal and algae additives.

Recommended Usage

To be used on interior and exterior surface such as concrete, cement, plaster, gypsum board and wood works.

Technical Data

Color	White		
Finish	Smooth / Matt		
Solid Content	50 % ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	160	240	200
Dry film thickness (microns)	80	120	100
Theoretical spreading rate (m ² /ltr.)	6	4	5
Viscosity	Thick paste		
Specific gravity	1.50 ± 0.05 gm/cm ³		
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

Putty knife.

Application Method

Apply two coats of **Falco Modified Silicon Putty** by putty's knife thinned with fresh water (10-15% by volume)

WATER BASE

Recommended paint system for interior

- Falco Modified Silicon Primer 1 coat
- Falco Modified Silicon Putty 2 coats
- Falco Modified Silicon Emulsion 2 Coats

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

Packing size

- 1 US gallon and 5 US gallons plastic or steel cans (for local).
- 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:
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 : Paste, Mild Odor

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