

Falco Silica Primer

Product Description

Falco Silica Primer is based on flexible acrylic copolymer water based product. It contains light textured with selected marble chips. It is an alkali resistance primer with good penetrating properties. It contains fungi and bacteria growth resistance additive.

Recommended Usage

To be used for interior and exterior surfaces such as concrete, cement, bricks and woods.

Technical Data

Color	White or as per our color card		
Finish	textured / Matt		
Solid Content	38% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	105	157.8	131.5
Dry film thickness (microns)	40	60	50
Theoretical spreading rate (m2/ltr.)	9.5	6.3	7.6
Viscosity	16-18 poises @ 25°C.		
Specific gravity	1.45 ± 0.05 gm/cm³		
Drying time	Dry to touch (hours)	1	
	Dry to recoat (hours)	3	
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 one coat of **Falco Silica Primer** by brush or roller thinned with fresh water (10-15% by volume).

WATER BASE

Recommended paint system for exterior

- **Falco Silica Primer** 1 coat
- Any textured top coat 1 or 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:

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.