

Falco Roof Coating

Product Description

Falco Roof Coating is based on Acrylic copolymer synthetic elastomeric binder high quality water based product. It is flexible, long lasting water proof coating. It is also ideal to protect exposed substrate from water and deterioration by U.V. rays. It has weather resistance, excellent binding properties and contains antifungal and anti bacteria additives.

Recommended Usage

To be used for all roof types such as concrete and tiles.

Technical Data

Color	White or as per our color card.		
Finish	Silky / Eggshell.		
Solid Content	52% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	577	961.5	769
Dry film thickness (microns)	300	500	400
Theoretical spreading rate (m ² /ltr.)	1.7	1	1.3
Viscosity	40-43 poises at 25°C.		
Specific gravity	1.21 ± 0.05 gm/cm ³		
Drying time	Dry to touch (hours)		6
	Dry to recoat (hours)		12
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 perpendicular to each other of **Falco Roof Coating** by brush or roller thinned with fresh water (max. 10% by volume) spread fiber glass sheets between the coats and before the first coat dries.

WATER BASE

Recommended paint system for exterior:

- Falco Roof Primer 1 coat
- Falco Roof Coating 2coats

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.