Falco Polyurethane Floor Coating (S.F)

Product Description

Falco Polyurethane Floor Coating is based on 100% Polyurethane two pack high performance solvent free product. This product offers excellent gloss and color retention, durable and highly chemical, water, mechanical & dust resistance, flexible and self leveling coat.

Recommended Usage

Highly recommended for external concrete flooring and can it can be used for internal flooring such as workshops, garages, warehouses and industrial floors.

Technical Data

Color	Limited color.		
Finish	Smooth/Glossy.		
Solid Content	100% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	400	600	500
Dry film thickness (microns)	400	600	500
Theoretical spreading rate (m2/ltr.)	2.5	1.67	2
Specific gravity	1.5 ± 0.05 gm/cm³		
Drying time	Dry to touch (hours)		3
	Dry to recoat (hours)		16
	Fully cured (days)		7
Cleaning	Falco Thinner 2030		
Mixing ratio	6 parts A (base) : 1 part B (hardener)		
Pot life	30 minutes @ 20°C to be less at higher temp.		

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

Roller.

Application Method

Apply two coats of Falco Polyurethane Floor Coating (S.F) by roller.

Recommended paint system full epoxy:

- Falco Epoxy Sealer — 1 coat
- Falco Polyurethane Floor Coating (S.F) — 1 or 2 coats

2nd coat of Falco Polyurethane Floor Coating(S.F) is applicable before full curing of 1st coat.

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 24 -25º 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.