

Falco Guard Concrete Floor Coating

Product Description

Falco Guard Concrete Floor Coating is based on 100% pure epoxy two pack high performance product, designed to resist aggressive chemicals, water, mineral oils, most of diluted acids and alkalis. It provides a hard impact and abrasion resistance with an excellent coating for floors.

Recommended Usage

Highly recommended for interior concrete flooring such as workshops, car park, garages, warehouses and industrial floors. Anti slip aggregates to be applied when heavy tracks are expected.

Technical Data

Color	White or as per our color card.		
Finish	Smooth or Rough/ Eggshell or Matt.		
Solid Content	55% ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	136	227	181
Dry film thickness (microns)	75	125	100
Theoretical spreading rate (m ² /ltr.)	7.3	4.4	5.5
Viscosity	8 – 10 poises.		
Specific gravity	1.4 ± 0.05 gm/cm ³		
Drying time	Dry to touch (hours)		3
	Dry to recoat (hours)		16
	Fully cured (days)		7
Cleaning	Falco Thinner 2050		
Mixing ratio	4 parts A (base) : 1 part B (hardener)		
Pot life	1- 2 hours @ 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 Guard Concrete Floor Coating** by roller.

Recommended paint system full epoxy:

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|---|---------------------|
| • Falco Epoxy Sealer | 1 coat |
| • Falco Guard Concrete Floor Coating | 1 or 2 coats |

2nd coat of **Falco Guard Concrete Floor Coating** 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:

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|---------------|----------------------------|
| 1. Dermal | : Clean with soap & water. |
| 2. Ingestion | : Consult a physician. |
| 3. Inhalation | : Remove to fresh air. |

Fire & Fire Fighting Data

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| Flash Point | : 24 -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.