Falco Thermo Plastic Acrylic Floor Paint

Product Description

Falco Thermo Plastic Acrylic Floor Paint is based on a Thermoplastic Acrylic Resin solvent based product. It's formulated to give high protection on the substrate against water, normal solvents, oils, and petroleum products. Aggregates could be applied to the paint to give a heavy duty, Anti-slip and cleanable flooring.

Recommended Usage

To be used for external or internal industrial and warehouse concrete flooring, horizontal traffic signs, road marking, Kerbstone and asphalt surfaces.

Technical Data

Color	White, Grey, Green or as per our color card		
Finish	Smooth / Semi Gloss or Matt.		
Component	Single		
Solid contents	45 % ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	111	155.5	133.3
Dry film thickness (microns)	50	70	60
Theoretical spreading rate (m2/ltr.)	9	6.4	7.5
Viscosity	3 - 4 minute by ford cup no. 4 @ 25ºC		
Specific gravity	1.30 ± 0.05 gm/cm³		
Drying time	Dry to touch (hours)		1
	Dry to recoat (hours)		3
Thinner / Cleaning	Falco Thinner 1050		

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 of Falco Thermo Plastic Acrylic Floor Paint by brush or roller thinned with Thinner 1050 (10-15% by volume).

Recommended paint system:

- Falco Thermo Plastic Acrylic Floor Paint 2 coats

Note I : paint system may be varying according to the substrate.

Note II : if light reflection required glass beads could be use.

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 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.