

Falco G.P.I Acrylic Spray Compound

Product Description

Falco G.P.I Acrylic Spray Compound is based on acrylic copolymer dispersion product which specially formulated to be applied by spray to give a textured design. It is easy to use with a very good adhesion for surfaces. It contains anti-fungal and anti-bacterial additives.

Recommended Usage

To be used as a mid textured coat for interior & exterior surfaces of concrete, plaster, wood work.

Technical Data

Color	Off White		
Finish	Matt, light, medium and big texture finish		
Solid Content	65 % ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	576	923	710
Dry film thickness (microns)	375	600	462
Theoretical spreading rate (m ² /ltr.)	1.7	1	1.4
Viscosity	26 - 28 poises @ 25°C		
Specific gravity	1.40 ± 0.05 gm/cm ³		
Drying time	Dry to touch (hours)		4
	Dry to recoat (hours)		3 days
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

Spray gun.

Airless spray data

Nozzle pressure : 140 - 190 k/cm² (2100 PSI)
 Nozzle tip : 0.021" - 0.027"
 Spray Angle : 65° - 80°
 Filter : be sure that the filters are clean.

WATER BASE

Application Method

Apply one coat of **Falco G.P.I Acrylic Spray Compound** by spray gun thinned with fresh water (10-15% by volume).

Recommended paint system for exterior

- | | |
|---|---------------|
| • Falco G.P Primer, Tex Primer or Acrylic Emulsion Primer | 1 coat |
| • Falco G P I Acrylic Spray Compound | 1 coat |
| • Falco GPII. Thane, Acryl or gulf Shield top coat | 2 coats |

Acrylic shield system for exterior

- | | |
|--|---------------|
| • Falco Acrylic Primer or Falco G P Acrylic Primer | 1 coat |
| • Falco G P I Acrylic Spray Compound | 1 coat |
| • Gulf Shield Silk | 2 coats |

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. |

WATER BASE

Physical / Chemical Characteristics

Vapor Density	: Heavier than air.
Evaporation Rate	: Slower than other.
Solubility in Water	: Soluble.
Appearance & Odor	: Paste, Mild Odor

For more information please refer to the Material Safety Data Sheet.