

## Falco G.P.I Epoxy Putty

### Product Description

Falco G.P.I Epoxy Putty is a two pack epoxy based product specially formulated to get smooth finish applying by putty knife to give an attractive leveling finish.

### Recommended Usage

To be used for interior and exterior surfaces of concrete & plastered walls as a medium coat in epoxy system.

### Technical Data

Color	Off White		
Finish	Smooth / Matt		
Solid contents	60 % ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	333	500	416
Dry film thickness (microns)	200	300	250
Theoretical spreading rate (m <sup>2</sup> /ltr.)	3	2	2.4
Viscosity	Thick paste		
Drying time	Dry to touch (hours)		4
	Dry to recoat (hours)		12
	Fully cured (days)		7
Thinner / Cleaning	Falco Thinner 2050		
Mixing ratio	4 parts A (base) : 1 part B (hardener)		
Pot life	6 Hrs. @ 25°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

Spray gun.

#### Airless spray data

Nozzle pressure : 150 kg/cm<sup>2</sup> (2100 PSI)  
 Nozzle tip (inches) : 0.46" - 0.69"  
 Spray Angle : 40 - 80°  
 Filter : be sure that the filters are clean.

### Application Method

Apply one coat of **Falco G.P.I Epoxy Putty** by spay gun thinned with Thinner 2050 (10 - 15% by volume).

### Recommended paint system for exterior

- |                                  |               |
|----------------------------------|---------------|
| • Falco Epoxy Sealer             | 1 coat        |
| • G P H.B primer                 | 1 coat        |
| • <b>Falco G.P.I Epoxy Putty</b> | <b>1 coat</b> |
| • Falco Super Thane              | 2 coats       |

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 -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	: Paste, Mild Odor

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