

Falco Wash Primer

Product Description

Falco Wash Primer is a two pack acidic pre-treatment based on polyvinyl butyral resin etching primer product. It is specially formulated to provide good adhesion to the subsequent coats for non-ferrous surfaces including tin sheet and aluminum cladding.

Recommended Usage

To be used for aluminum cladding, galvanized surfaces, tin sheets and for all non-ferrous surfaces.

Technical Data

Color	Pale yellow.		
Finish	Matt finish paint.		
Solid contents	14 % ± 2 by volume		
	Minimum	Maximum	Typical
Wet film thickness (microns)	43	71	57
Dry film thickness (microns)	6	10	8
Theoretical spreading rate (m ² /ltr.)	23	14	17.5
Flash point	18 °C		
Specific gravity	0.90 ± 0.05 gm/cm ³		
Drying time	Dry to touch (hours)		1/3 hours
	Dry to recoat (hours)		1
	Fully cured (hours)		3
Thinner / Cleaning	Falco Thinner 2060		
Mixing ratio	4 parts A (base): 1 part B (hardener)		
Pot life	8 Hrs. @ 30°C		

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, roller or spray.

Spray Data

Pressure at nozzle	: 150 kg/cm ² (2100 PSI)
Nozzle tip (inches)	: 0.018 - 0.021
Spray Angle	: 65 - 80°
Filter	: be sure that the filters are clean.

Application Method

Apply one coat of **Falco wash Primer** by brush, roller and spray thinned with Thinner 2060 (10% by volume).

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 18° 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.