

Ivocryl Straw Primer Galvanised Steel Primer

Description

Ivocryl Straw Primer is a single pack, modified acrylic water based primer specifically formulated to provide excellent adhesion and corrosion protection to galvanised masts and roof sheeting.

Advantages

- Exceptional adhesion to galvanized steel.
- Exceptional adhesion to aged alkyd, epoxy or polyester coatings.
- Excellent adhesion to aluminium.
- Excellent adhesion to concrete, fibre cement or brick surfaces.
- Rapid drying time compared to conventional water based primers.
- Excellent moisture and blister resistance compared to conventional acrylics.
- Capable of being over coated with solvent based epoxies, polyurethanes or alkyds.

Preparation and Application

• New or Unpainted Galvanized Surfaces

New or old galvanized surfaces must be scrubbed with Ivory Galvprep to remove any oil, industrial fall out or contaminants. Rinse thoroughly with fresh water and test for a clean, water break free surface.

• Previously Painted Surfaces

Scrape and remove any flaking or poorly bonded paint. Scrub the entire surface with Ivory Galvprep and rinse thoroughly with fresh water. (Preferably pressure wash). Sand using 300 grit paper, existing paint that isn't removed. Rinse thoroughly and allow drying. Ensure water break free surface is achieved.

• Pre-Coat Parameters

Ensure the surfaces are dry and clean. Ensure the galvanised surfaces are at least 5°C above dew point and metal surfaces are not less than 5°C to ensure correct coating film formation. Relative humidity must be less than 85% at 25°C. Ensure 2 hours has lapsed before the coating is exposed to excessive rain or dew.

Health & Safety

Some of the components of this product may be hazardous during mixing & application. Please consult Flowcrete for details.

Technical Information

The figures that follow are typical properties achieved in laboratory tests at 20 °C and at 50% Relative Humidity.

N° of components:	Single pack
Colour:	Straw
Finish:	Matt
Theoretical coverage:	8-10m ² /ℓ
Over coating time @ 25°C & 50% RH:	12 hours
Recommended N° of coats:	One
Dry film thickness:	35 - 40 microns
Volume solids:	40% ± 2%
pH:	8 - 10
Min film forming Temp:	5°C
SG:	1.28
Application by:	Roller/brush/spray
Thinning:	DO NOT THIN
Wash Up:	Water and W.S.B.C

• Preparation of Localized Rust Areas

Sand or wire brush rusted areas to expose clean steel. Prime immediately after preparation with Ivory Ivomastic surface tolerant epoxy. Allow to cure for 18 hours. Lightly abrade with 120 grit paper and solvent wipe with Ivory Epoxy Thinners to remove any possible surface bloom or contamination.

Application of Primer

Apply by brush, mohair roller or spray gun at 8-10m²/L. (100 - 125 microns wet). Ensure areas primed with Ivomastic Primer are abraded and solvent wiped prior to priming with Ivocryl Straw Primer. Ensure the primer has dried sufficiently before the intermediate or top coat is applied.

Guide lines for re-coat times:

Surface Temp: 10°C - 18 Hours 15°C-14Hrs

25°C - 12 Hours 30°C - 12 Hrs

Top coat – apply in accordance with detailed specification for Ivocryl Top Coat application data sheet.