

Water Based Galvanized Primer



DESCRIPTION

A single pack emulsion based, acrylic copolymer pigmented and filled primer

INTENDED USE

A quick drying water borne primer for galvanized metallic substrates. Can also be used as a primer on a variety of substrates (testing is recommended) and can be over-coated with a variety of water based and solvent based top coats

PRODUCT FEATURES

- Excellent adhesion to galvanized metallic substrates including suitably prepared hot-dip galvanized substrates
- Excellent adhesion to ceramic and plastic materials
- Contains a unique blend of anti-corrosive pigments which retard corrosion of metallic substrates
- Will accept emulsion and solvent based topcoats
- Excellent primer for galvanized roofs over-coated with *Speccoats Exterior Roof Paint*

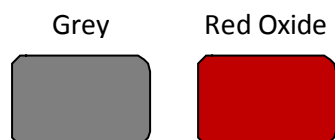
LIMITATIONS

- Not suitable as a primer for thermosetting, i.e. 2 pack epoxy, polyurethane, etc
- Avoid painting in inclement weather or if the temperature is below 5°C
- Not suitable for use on aluminium surfaces.
- Should not be applied at temperatures below 5°C or if the temperature is likely to fall below 5°C within the next 4 hours following application.

PACKAGING

- 5lt and 20lt units

STANDARD COLOUR AVAILABILITY



PRODUCT INFORMATION

- **Number of Components:** 1
- **Mass Solids:** 40%
- **Density:** 1.2 kg/litre
- **Volume Solids:** 26%
- **Film Thickness:** Wet 95-135µm
Dry 25- 35µm
- **Spreading Rate:** 10.4m² / lt @ 25µm DFT
- **Temperature Resistance:** Dry 80°C
- **Viscosity:** 85-90 KU

SURFACE PREPARATION

- All surface shall be dry, clean, firm and free from dust, oil, grease or any other contaminants before painting
- Remove oil, grease, dirt and any other contamination using *Speccoats Hydrosolve*, followed by several fresh water rinses to remove all traces of detergent

Galvanizing

- New Galvanizing – Degrease using Speccoats Galvanized Iron Cleaner, abrade using Scotchbrite pads and rinse with potable water until a water-break free surface is obtained
- Old galvanizing – abrade or abrasive blast with ultra-fine grit to remove corrosion







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APPLICATION

Mixing – Two Components

- Stir the base component well with a flat-bottomed paddle or mechanical mixer until product is uniform.

Application – Equipment & Methods

 Brushes	Preferred for smaller areas
 Rollers	Preferred for smaller areas
 Airless Spray	Pump Ratio - 30 to 1 Min Nozzle Orifice - 11 to 15 Thou Tip Pressure - 145 Bar Min
 Conventional Spray	Not Recommended

Thinning

- Use a minimum **Water** if necessary

Cleaner

- For dried paint use **Speccoats SA 65 Thinners**

APPLICATION ENVIROMENT

Level	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	5°C	0%
Maximum	40°C	45°C	85%

*or 3° above the dew point

DRYING TIME

Touch dry	Over-coating interval		Dry to handle
	Minimum	Maximum	
30 minutes at 25°C for 35µm at 65% RH	2 hours at 25°C at 65% RH	-	2 Hours

Note: Dry in conditions of good air circulation

STORAGE AND HANDLING

Storage - Store at temperatures between 5°C and 40°C, away from direct sunlight

Shelf Life - Minimum 1 year when packed in original containers

HEALTH AND SAFETY

- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 17/11/2010**