



# High Performance Paint Product Data Sheet



## GALVANISED IRON PRIMER

05-660 JUN 09



**DESCRIPTION:** A water based primer formulated on acrylic latex and designed for maximum adhesion and protection, to metallic substrates. Contains corrosion inhibitor.

**TYPICAL USES:** Recommended for use on galvanised iron (chromated or not), zincalume, aluminium and steel. It may also be used on concrete and FRC (fibre reinforced concrete) surfaces. Can be over coated by most water based topcoats.

**PERFORMANCE:** Has excellent adhesion to most surfaces. Includes inherent corrosion inhibitors to stop ongoing corrosion.

**LIMITATIONS:** Do not apply at temperatures below 10°C nor in direct sunlight. Always ensure the GALVANISED IRON PRIMER has covered all of the substrate, before topcoats are applied. If collecting water for drinking, disconnect down pipes for duration of painting and ensure the dried film is well washed or left in the rain to allow all the migrating products to be flushed from the surface. (Usually a foam can be seen in the early stages of washing). Mix product well before use as heavy anti corrosive pigments can settle out.

### TECHNICAL DATA:

Resin:	Acrylic latex
Solvent:	Water
Finish:	Matt
Colour:	Light grey
Touch Dry (minimum):	60 minutes @ 20°C
Recoat Time (minimum):	2 hours
Primer:	See over
Number of Coats:	1 usually required
Dry Film Thickness:	30-37 microns
Wet Film Thickness:	80-100 microns
Durability:	
Thinning and Clean Up:	Water
VOC:	
Pot Life:	Not Applicable
Pack Size:	1, 4, 10 Litre

### SPREAD RATE:

Theoretical Coverage:	10-12 m <sup>2</sup> /litre/coat.
Coverage depends on surface profile and porosity.	

### COMPUTER CODES:

Galvanised Iron Primer	05-660
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# GALVANISED IRON PRIMER

## **SURFACE PREPARATION:**

(Refer to "Surface Preparation and Paint Systems" for full details). To ensure a successful application all surfaces to be coated must be clean, dry and stable.

Note: Commencement of work on a surface means in general you accept that surface. If any doubt about condition etc, see advice.

## **ALL SURFACES:**

Before applying primer, ensure surfaces are free of dust, dirt, moss, by washing with water detergent mix and/or algaecide, rinse well and allow to dry thoroughly.

## **GALVANISED IRON/ZINCALUME:**

Galvanised iron sheets that are lapped must be coated in the lap areas to stop corrosion.

**NEW:** All new galvanised iron has an oil/grease coating from roll forming and it must be removed before coating. This can be done by leaving the roof exposed to the elements for 3 months, before painting or by using a suitable "roof wash" solution. Wash as above.  
Apply 1 coat GALVANISED IRON PRIMER, after 2 hours min drying at 20°C; apply 2 coats of ACRYLIC ROOF PAINT.

**OLD:** Showing signs of corrosion in valleys. Wash all areas as above.  
Areas of rust must be wire brushed, to remove loose rust etc. Apply a coat of RUST KILL, to convert any remaining rust. Wash area thoroughly and allow to dry. Apply 1 coat GALVANISED IRON PRIMER, after 2 hours min drying at 20°C;  
apply 2 coats of ACRYLIC ROOF PAINT.

Note: If 2 coats GALVANISED IRON PRIMER used, then 1 coat ACRYLIC ROOF PAINT may be used.

## **ALUMINIUM/BRONZE:**

Remove all grease/oil. Apply directly, 1-2 coats of GALVANISED IRON PRIMER.

## **STEEL / IRON:**

Remove all grease/oil. Wire brush all surface rust. Apply RUST KILL if appropriate then 1-2 coats GALVANISED IRON PRIMER.

Note: If roof used for potable water collection, disconnect collection pipes before cleaning. Reconnect after 2-3 days curing at 15°C min. Ensure all areas rinsed thoroughly before reconnecting.

## **APPLICATION:**

For corrugated iron add about 35% to the measured length x width, to get total flat area to be painted. For long run roofing add about 45%.

Apply by Brush, Roller or Spray.

Stir thoroughly with a wide flat stirrer before and during use as the anticorrosive pigments have a tendency to settle. Exterior applications, e.g. roofs, are generally over coated with roof paints, but the GALVANISED IRON PRIMER can be left uncoated for 3-6 months before being coated. Wash down thoroughly before coating however.

## **THINNING & CLEAN UP:**

Thinning not normally necessary. If spraying, maximum thinning is 0.5 litres water per 10 litres of paint.

## **ENVIRONMENTAL:**

DO NOT POUR paint or wash down storm water or water courses. ALWAYS dispose of in accordance with local Government regulations. Soak up spills with absorbent material and dispose of properly. If spraying use suitable respiratory protection. Refer to the MATERIAL SAFETY DATA SHEET.