

PRODUCT DATA SHEET

Reviewed 01/02/2016



YOU CAN'T BUY A BETTER PAINT FOR LESS!™



GI Primer

Anticorrosive primer for Galvanised Iron
Environmentally Friendly!

- SECTION A: DESCRIPTION OF PRODUCT AND USE**
A superior water-based primer for use on galvanized iron surfaces (i.e. corrugated iron, I.B.R etc) with exceptional adhesion to properly degreased galvanized sheeting. It also contains anti-corrosive pigments to prevent rust. It can be overcoated with emulsion paints and decorative enamel paints once cured properly (It is the recommended primer for the Excelsior PREMIUM SATIN ROOF ACRYLIC on galvanized iron surfaces). Quick drying with excellent coverage. Environmentally friendly water-based. Low V.O.C. Lead Free - Contains no lead or chromate pigments.
- SECTION B: COMPOSITION**
Modified emulsion with anti-corrosive pigments
- SECTION C: PHYSICAL PROPERTIES**
- | | |
|---------------------|-----------------|
| Colour: | Yellow |
| Appearance: | Matt finish |
| Gloss: | <15% @ 85° |
| Viscosity: | 90-95 Ku @ 25°C |
| S.G.: | 1.17 1.22 |
| Mass Solids: | 38 - 43% |
| Volume Solids: | 26 - 31% |
| Shelf Life: | 12 Months |
| Storage Conditions: | Normal |
| Pack Size: | 1l, 5l, 20l |
- SECTION D: APPLICATION PROPERTIES**
- | | |
|----------------------|--|
| Method: | Brush, Roller or Spray |
| Average Dft: | 40-50 microns per coat |
| Spreading Rate: | 8 - 10 m ² /l |
| Wet Film Thickness: | 80 - 100 microns |
| Number of coats: | 1 minimum or 2 as required |
| Drying Time: | Surface dry 30mins, hard 4 - 6hrs max |
| Overcoating Time: | Minimum 4 - 6hrs depending at 25°C for water-based top-coatings and 24 hours at 25°C on which-top-coat is applied. |
| Thinning: | Water |
| Cleaning Solvent: | Water (if necessary) |
| Recommended systems: | Water |
- SECTION E: PRECAUTION**
Toxicity: See M.S.D.S.
- SECTION F: SURFACE PREPARATION**
- NEW GALVANISED IRON**
- Remove the storage oil using Excelsior GALVANISED IRON CLEANER with a scouring pad. To achieve a "water-break free" surface i.e. free from all oil and contaminants. Allow to dry and rinse again. Paint within one day of removing the storage oil before "white-rust" or zinc oxide starts to form.
- NEW STEEL**
- Remove all storage oil with Excelsior XL DEGREASER with a scouring pad. Rinse well and allow to dry completely. Abrade all smooth metal areas to provide a key for better adhesion.
- OLD GALVANISED IRON AND PREVIOUSLY PAINTED STEEL**
- Using 80/100 grit sand paper remove all loose flaking paint and polish rusted areas back to a bright metal surface. Apply

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GI Primer... conti/

Excelsior GALVANISED IRON PRIMER to the bare metal areas and allow to dry before applying the topcoat. It is not recommended that Excelsior GALVANISED IRON PRIMER is applied on top of old enamel paint.

LIMITATIONS

- Cannot be used as a final coat.
- Surface preparation is vital for optimum results
- Allow to dry for 24 hours before recoating with solvent-based materials.
- This product is water-based and therefore water-based topcoats will perform better than solvent-based systems

SECTION F:

NOTE

No guarantee is implied by the recommendations contained herein; since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.