

PRODUCT DATA SHEET

Reviewed 01/02/2016



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



Aqua-Metalprime

An anti-corrosive primer for steel and galvanised iron
Environmentally Friendly!

SECTION A:	DESCRIPTION A superior water-based primer for use on mild steel surfaces with exceptional adhesion to properly degreased galvanized sheeting. It also contains anti-corrosive pigments to prevent rust. It can be top-coated with water-based emulsion paints and decorative enamel paints once cured properly (not to be top-coated with epoxy or automotive enamels). Highly recommended for lightly "keyed" PVC and plastic piping. Quick drying with excellent coverage.
SECTION B:	COMPOSITION Modified emulsion with anti-corrosive pigments
SECTION C:	PHYSICAL PROPERTIES Colour: Red oxide, yellow, white, black, grey, green. Appearance: Matt finish Viscosity: 85 Ku @ 25°C (depending on colour) S.G.: 1.18 - 1.23% Mass Solids: 41 - 46% Volume Solids: 27 - 32% Shelf Life: 12 Months Storage Conditions: Normal Pack Size: 1L, 5L, 20L
SECTION D:	APPLICATION PROPERTIES Method: Brush, Roller or Spray Average Dft: 20 - 30 microns (recommended) Spreading Rate: 8 - 10m ² /l Wet Film Thickness: 80 - 100 microns Number of coats: 1 or 2 - as required Drying Time: Surface 30mins, hard 4hrs max Overcoating Time: Between 30mins to 8hrs depending on which top-coat is applied Thinning: Water (if necessary) Cleaning Solvent: Water Recommended systems: As a anti-corrosive primer for galvanized iron roof sheeting and structural steel
SECTION E:	PRECAUTION Flash point: N/A 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 area's back to a bright metal surface. Apply Excelsior AQUA METALPRIME to the bare metal areas and allow to dry before applying the topcoat. It is not recommended that Excelsior AQUA METALPRIME is applied on top of old enamel paint, it is designed to be applied direct to steel!

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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 guarantees are 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.