

PROFESSIONAL GALVANISED IRON PRIMER

PRODUCT CODE: PP 1000

TECHNICAL DATA SHEET

Product Description	A beige coloured waterbased primer for galvanised iron.														
Intended Uses	For use over appropriately cleaned galvanised steel to provide good adhesion.														
Features & Benefits	<ul style="list-style-type: none">A beige coloured water based primer which contains no lead, chromate, or other toxic ingredients.It may be over coated with a wide range of topcoats such as alkyds, vinyl and waterbased types.Two-pack polyurethanes, epoxies and nitro-cellulose not recommended.														
Product Information	Appearance	Semi-matt/low sheen													
	Colour	Beige													
	Volume Solids	39%													
	S G	1,33 kg/ℓ (typical)													
	Recommended DFT	Min: 25 µm, Max: 40 µm													
	Recommended WFT	64 - 103 µm													
	Theoretical spreading rate	13 m²/L @ 30 µm DFT													
	Practical spreading rate	7 m²/L @ 30 µm DFT													
	Viscosity at 23 °C	Approx. 90-95 KU													
	TVOC	20 g/L													
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous.													
	Method	Brush, roller or airless spray.													
	Thinning	Ready for use													
	Cleaning	Water													
	Substrate	Well prepared galvanised iron.													
	Drying time	Touch dry: 30 min at 23 °C													
		Over coating: with water based topcoat: 4-6 h @ 23 °C													
		With solvent based topcoat: 24 h @ 23 °C Max: 48 h													
	Application Environment	<table><tr><td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr><tr><td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr><tr><td colspan="3">or 2 °C min. above dew point</td></tr><tr><td>Max: 40 °C</td><td>Max: 40 °C</td><td>Max: 85%</td></tr></table>		Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 2 °C min. above dew point			Max: 40 °C	Max: 40 °C	Max: 85%
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Max: 40 °C	Max: 40 °C	Max: 85%													
Storage and Packaging	Store away from direct sun, heat and severe cold.														
	Packaging: 5L and 20L														

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Surface Preparation	<p>Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"> GALVANISED STEEL (New and weathered): <ol style="list-style-type: none"> New: Remove all traces of temporary protective coating, dirt, grease, etc. from the surface using GALVANISED IRON CLEANER (GIC 1). Remove all traces of the cleaner by rinsing with fresh water. Check surface for water break-free condition (i.e. water completely wets the surface without crawling back into droplets). If necessary, repeat the cleaning process until this condition is obtained. Allow surface to dry and apply PROFESSIONAL GALVANISED IRON PRIMER (PP 1000) the same day. Weathered: Prepare weathered surfaces as above to obtain a clean surface. Red and white rusted areas should be abraded back to bare metal and cleaned as above. Spot prime areas where red rust has been removed with COASTCOTE ETCH PRIMER RED OXIDE (SNK 2) or PLASCOSAFE 18 PRIMER (EMS 18) PREVIOUSLY PAINTED SURFACES: Remove loose and flaking paint and rust and clean bare metal areas as in point 1 above. Spot prime areas where red rust has been removed with PLASCOPRIME 170 (UC 170) or PLASCOSAFE 18 PRIMER (EMS 18)
Application	<ul style="list-style-type: none"> Apply by brush or roller. It can be sprayed using airless spraying equipment without thinning.
Cautions	<ul style="list-style-type: none"> DO NOT mix with any other paint, including other galvanised iron primers. Do not overcoat with two-pack polyurethanes, epoxies and cellulose nitrate paints. Observe Overcoating times. Must be coated within 48 h of preparation. Avoid painting during inclement weather or if temperature is below 5 °C.
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Ensure good ventilation during application and drying. In case of skin contact, wash with soap and water or a recognised skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. Harmful if swallowed. Do not induce vomiting. Seek medical attention. Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

NB: Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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