METALCARE GALVANISED IRON PRIMER

PRODUCT CODE: GIP 1

TECHNICAL DATA SHEET

Product Description

A beige coloured water based primer for galvanised iron.

Intended Uses

- For use over appropriately cleaned galvanised steel to provide good adhesion.

Features & Benefits

- 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.

Product Information

Appearance	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 at 30 µm DFT
Practical spreading rate	7 m²/L at 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	Not Recommended. Ready for use
Cleaning	Water
Drying time	Touch dry: 30 mins @ 23 °C
	Over coating with water based topcoat: 4-6 h @ 23 °C
	Over coating with solvent based topcoat: 24 h @ 23 °C Max: 48 h

Application Environment

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%

Storage & Packaging

Store away from direct sun, heat and severe cold.
Packaging: 1L, 5L and 20L

Surface Preparation

Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting.
NEW GALVANISED STEEL:
Remove all traces of temporary protective coating, dirt, grease, etc. from the surface using **METALCARE 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 **METALCARE GALVANISED IRON PRIMER (GIP 1)** the same day.
PREVIOUSLY PAINTED AND WEATHERED SURFACES:
Clean bare metal areas as in point 1 above. Remove loose and flaking paint and rust. Red and white rusted areas should be abraded back to bare metal and cleaned as for new work above. Spot prime areas where red rust has been removed with **PLASCOPRIME 170 (UC 170)** or **COASTCOTE ETCH PRIMER Red Oxide (SNK 2)** or **METALCARE METAL WB PRIMER (MWP 1)**.

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Application	• Apply a full coat by brush, roller or airless spray. • Allow to dry as per drying times.
Cautions	• **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 hours after preparation. • Avoid painting during inclement weather or if temperature is below 10 °C.
Safety Precautions	• 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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