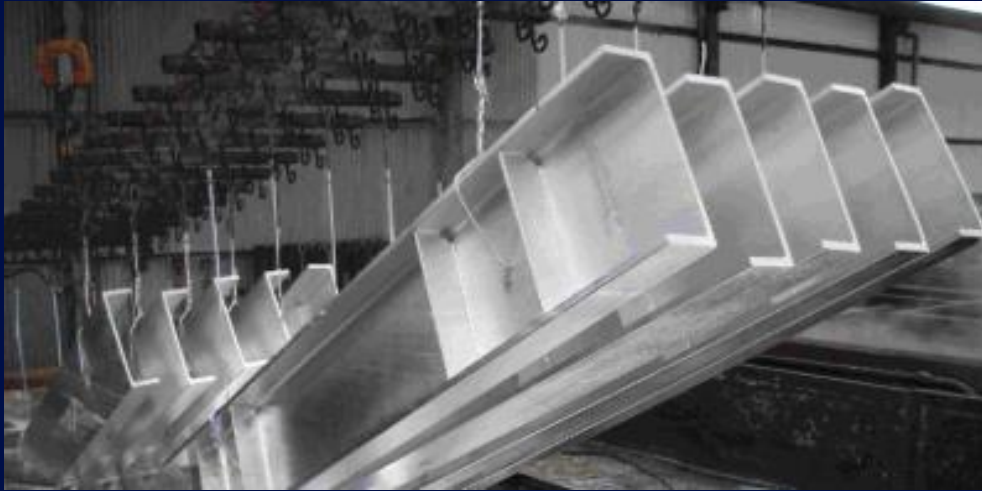


Marmoran

The Architects' Choice

GALVANISED PRIMER

WATER BASED ACRYLIC PRIMER FOR GALVANISED IRON



PRODUCT INFORMATION

- For interior and exterior on Galvanised Iron and Mild Steel
- Anti-corrosive containing a rust inhibitor
- Excellent adhesion
- Low odour
- Low VOC
- Easy to apply with brush or roller
- Can be overcoated with a wide range of Marmoran Water and Solvent Based Products

PRODUCT CODE **GIP1**
PRODUCT DATA INFORMATION SHEET



USES

- suitable for galvanized iron and mild steel.

TESTED TO NATIONAL & INTERNATIONAL STANDARDS BY THREE INDEPENDENT LABORATORIES

TEST STANDARDS

ISO 1519	Exhibits outstanding flexible qualities, yet hard and durable to withstand the stresses of natural expansion and contraction of the substrate
ASTM E96	Controlled water vapour permeability allows the walls to “breathe” to maintain resistance to water ingress and prevent spalling, delamination, algae and dirt retention
ISO 2409	Superior adhesion to all suitably primed substrates
SABS 170	Excellent resistance to alkali salts to prevent coating delamination and adhesion
SABS 1586	Ability to withstand high temperatures with no signs of delamination, blistering or loss of adhesion.

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B-BBEE COMPLIANT

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GALVANISED PRIMER

GENERAL CONSIDERATION REGARDING APPLICATION

SITE SURVEY REPORTS

Site Survey Reports and Records are to be completed prior to product application, during the application and on completion of the project so that the relevant documentation is available for processing the Guarantee.

CLIMATIC CONDITIONS

Adequate protection should be provided against rain and sub-zero temperatures for a period of not less than 24 hours after application. The coating should never be applied during adverse weather conditions, or on wet surfaces. In hot climates, the coating should be applied during the morning and late afternoon hours and if possible away from direct sunlight. Variations in temperatures will affect drying times.

SURFACE PREPARATION

NEW SURFACES

The substrates must be clean, dry and sound and free of rust.

Wash the entire substrate with Cleaner Iron Cleaner until all the manufacture's oils are removed and a water-break free has been achieved.

Ensure the all rusted areas have been sanded down to bright metal, using a steel wire brush, sandpaper or grinder. Apply one coat of Marmoran Galvanised Primer.

The entire surface can now be coated with a Marmoran water based or solvent based top coat.

PREVIOUSLY COATED SURFACES

The substrates must be clean, dry and sound

Remove all loose and flaking paint

Remove all dust, foreign material, fungal and algae growth, which is to be treated with Marmoran Marmocide. then apply one coat of Marmoran Galvanised Primer.

Ensure that all the rusted areas are sanded down to bright metal using a steel wire brush, sand paper or grinder

Spot prime using Marmoran Galvanised Primer to the bare metal and repaired areas then apply one coat

Marmoran Galvanised Primer to the entire surface

The entire area can now be coated with a Marmoran water based or solvent based topcoat

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GALVANISED PRIMER

APPLICATION METHOD

Application tools: brush, roller or spray.

NEW WORK

Prepare substrate by removing all loose and friable particles. Stop and fill appropriately. Ensure that the surface is clean, dry and sound and free of defects. Apply 1 coat of Marmoran Galvanised Primer, at a spread rate of 8 -10 m² / L / coat and allow to cure. On porous surfaces thin first coat 10% with water and follow with a second coat un-thinned.

REDECORATION

Prepare by removing all loose and flaking paint, dirt, grease and grime. Ensure that the surface is clean, dry, sound and free of defects. Prime exposed areas appropriately. Proceed as for new work.

PRODUCT DATA

Composition Anti-corrosive and inert pigments dispersed in an acrylic resin.

Colour Red & Grey

Solvent Type Water

Solids **Volume** 36% ± 2% **Mass** 48% ± 2%

VOC LEVEL 16 g/L 2% **The GREEN SEAL STANDARD is 50 g/L [3.8%] for flat coatings.**

Drying Times **Surface Dry:** 2 hours **Hard Dry:** 12-16 hours **Over coating Time:** 12-24 hours

@ 25 deg C, 65% RH Higher temperatures will accelerate the drying times (approximately halved for every 10 deg C increase) Lower temperatures will retard the drying times (approximately doubled for every 10 deg C decrease)

Theoretical 8–10 m² L / coat

Spread rate Theoretical Spreading Rate: 15,7 m²/litre @ 35 µm DFT Practical Spreading Rate: 8,9 m²/ litre @ 35 µm DFT

Recommend 55 – 73 µm WFT depending on the surface, porosity, profile and application method 30 – 40 µm
WFT & DFT DFT depending on the surface, porosity, profile and application method

Shelf life & Storage 6 - 8 Months in unopened containers. Store in a cool dry and well ventilated place away from excessive heat or an open flame. Do not allow to freeze.

Transport Non-hazardous in accordance with Transportation and Classification of Dangerous Goods Act (1996)

Handling & Safety

This product is water based and non-toxic. Keep out of reach of children. It does contain chemicals that may be irritants to mammalian tissue. Appropriate protective clothing must be worn. Protect eyes and skin from exposure. If the product is being sprayed, ensure adequate ventilation and ensure the use of proper ventilated masks. Wash spillages immediately with water. Do not induce vomiting if swallowed. Consult a physician if irritation of skin persists or if product is ingested. Gather up environmental spillages and dispose of in accordance with regulations of the local authorities.

Disclaimer

All information contained herein is given in good faith, based on our specialised knowledge and experience. We reserve the right to effect changes to product and specification alike in the interest of product development and improving technology.