

TECHNICAL DATA SHEET

P.DS.184 (FB SERIES) REV00/06/2022

WATER BASED

METAL PRIMER

ISO 9001



QUALITY ASSURED



Promac Metal primer is a high-quality modified acrylic water-based primer with good anti-corrosive properties.

USES

Interior and Exterior

Promac Metal primer can be used as a primer and top coat for new and old metal surfaces after suitable preparation. It helps to prevent corrosion and extend the life of the structure.

FEATURES & BENEFITS

- Anti-corrosive primer
- Easy to use
- Lead less than 90 ppm
- Excellent adhesion
- Primer and Topcoat
- Water-based

TECHNICAL INFORMATION

PHYSICAL FORM	Non-flammable viscous coloured liquid
COLOUR	Standard range of colours
SPREADING RATE	Approximately 7 - 8 m ² per litre per coat
FILM THICKNESS	120 – 160 µm WFT; 35 – 40 µm DFT
POLYMER TYPE	Modified acrylic
RECOATING TIME	2 hours depending on conditions and film build
PIGMENTS	Non-toxic type only
FLASH POINT	Water-based product, non-flammable
PACKAGING	1ℓ, 5ℓ & 20ℓ
CLEANING	Clean while paint is still wet using water.
APPLICATION METHOD	Apply by brushing, roller or spraying

DO NOT PAINT

- IF THE TEMPERATURE IS BELOW 10°C OR ABOVE 35°C
- IF IT IS RAINING OR RAIN IS FORECAST
- IF THE SURFACE IS DAMP (MOISTURE READING ABOVE 15%)
- BEFORE 9H00 AND AFTER 16H00 IN THE WINTER

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SURFACE PREPARATION

General: Ensure surfaces are dry, in sound condition, clean and free from any contaminants.

Poorly adherent materials: Remove all poorly adhering material such as loose particles and damaged existing paint from the surface. If not effectively removed with the use of high-pressure water cleaning, then remove with the means of mechanical surface preparation methods such as Hand or Power tool cleaning methods.

Rust: All rust layers must be removed by means of mechanical surface preparation methods such as but not limited to; Hand, Power tool or Blast Cleaning Methods. The loose rust must then be removed by means of surface cleaning methods (water cleaning). Thereafter in areas where rust could not be completely removed, the required application(s) of Promac, Rust Converter & Passivator must be applied to the area before the use of Promac Metal Primer. In areas where rust has been removed, the surface must be treated with the use of Promac Galv Prep before the use of Promac Metal Primer.

NB: Failure to remove all red rusting may result in premature rust penetration through the applied paint system.

Mil Scale: All mil scale is to be removed by means of mechanical surface preparation methods such as Power tool or Blast Cleaning Methods. Once removed the surface of the metal is to be cleaned with the use of Promac Galv Prep before the use of Promac Metal Primer.

Oils, grease, grime, fungicide, mould & bacteria: Remove oils, grease, grime, fungicide, mould, bacteria, and other contaminants of a similar nature from the surface with the use of Promac Galv Prep.

Existing enamel & hard cured coating films in good condition: Profile the existing coating by lightly abrading the surface with sandpaper (600 grit) and then wipe down with a cloth and E-Thinners and allow to dry.

Chalky surfaces: Remove all chalky materials with mechanical surface preparation and then further prepare substrate with Promac Galv Prep.

Exposed (unpainted) metal surfaces: Subsequent to carrying out the required surface preparation methods above, all exposed (bare & unpainted) metal substrate surfaces shall be treated with the use of Promac Galv Prep before the use of Promac Metal Primer.

NOTE: All additional products advised for use during surface preparation must be used and applied in accordance with the relevant product's data sheets.

APPLICATION

Mix paint thoroughly before use. Apply one coat of **Promac Metal Primer** and allow 2-3 hours to dry before overcoating. For topcoat application apply two additional coats of **Promac Metal Primer**.

OVERCOATING

Promac Metal Primer can be overcoated with itself and most Promac water-based topcoat products.

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HEALTH & SAFETY

Keep paint away from children and animals. Never smoke, drink or eat while painting. Wear protective overalls, gloves and goggles. If accidental contact with skin should occur, wash immediately with clean water. Harmful if swallowed. Do not induce vomiting. Consult your doctor. Ensure good ventilation during application and drying. Store in a cool, dry place out of the sun.

DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith, but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.

