

## TECHNICAL DATA SHEET

P.DS.162 (FE SERIES) REV02/03/2022

WATER BASED

# MULTI SURFACE PRIMER



YEAR QUALITY GUARANTEE



**Promac Multi Prime** is a premium quality pure acrylic multi-surface primer for most suitably prepared interior and exterior surfaces. Promac Multi Primer is the ideal primer for surfaces that are difficult to coat. It provides a quality base for overcoating of most quality decorative paints by providing high adhesion performance properties to surfaces which have poor primer adhesion capabilities. Promac Multi Prime provides both high adhesion performance between the surface as well as the overcoating product.

### USES

Promac Multi Prime is ideal for application of most common surface types in addition to peculiar and rigid surface types that usually yield poor adhesive performance properties such as but not limited to; PVC, melamine & formica, ceramic tiles, glass, fibre glass, polycarbon, stainless steel, aluminium, copper, polystyrene, bitumen, previously painted enamel, varnish, acrylic surfaces. Cementitious & masonry surfaces, non-ferrous & ferrous metals and timbre surfaces.

### FEATURES & BENEFITS

- Low VOC
- Low Odour
- High opacity
- Water-based
- Multi-functional
- Lead less than 90ppm
- Easy to use and clean up
- Excellent adhesion properties
- Quick drying, can be overcoated on the same day

### TECHNICAL DATA

<b>PHYSICAL FORM</b>	Non-flammable waterborne viscous liquid
<b>COLOUR</b>	White
<b>FINISH</b>	Matt
<b>SPREADING RATE</b>	7.5 – 10 m <sup>2</sup> / litre per coat depending on the type of substrate and the surface porosity.
<b>RECOMMENDED WFT</b>	100 – 140 µm per coat
<b>RECOMMENDED DFT</b>	30 – 40µm per coat
<b>VISCOSITY @ 23°C</b>	95 – 100KU
<b>S G @ 23°C</b>	1, 17 – 1, 25 g/ml
<b>MASS SOLID</b>	41 - 42%
<b>VOLUME SOLID</b>	28 - 30%
<b>POLYMER TYPE</b>	Modified acrylic latex
<b>PIGMENTS</b>	Non-toxic types only
<b>DRYING PROPERTIES</b>	Surface or touch-dry: within 1 – 2 hours
<b>RECOATING TIME</b>	6 – 8 hours depending on conditions and film build.
<b>FLASH POINT</b>	Non-flammable, waterborne product
<b>PACKAGING</b>	1ℓ & 5ℓ
<b>THINNING</b>	Ready for use

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<b>CLEANING</b>	Clean all tools (brushes, rollers, and spray equipment) while wet with water after use
<b>APPLICATION METHOD</b>	Apply this product with a quality paint brush, roller or airless spray

## DO NOT PAINT

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

## SURFACE PREPARATION

### General:

Ensure surfaces are dry (15% moisture maximum), in sound condition, clean and free from any contaminants.

### Poorly adherent materials:

All poorly adhering material & contaminants must be removed from the surface before the use of Promac Multi Surface & Tile Adhesion Primer. Remove all material & contaminants with the use of mechanical surface preparation methods of hand or power tool cleaning and further cleaned with surface cleaning methods.

### Damaged existing paint coatings:

Remove all damaged existing paint from the surface. If not effectively removed with the use of water cleaning methods such as high-pressure water cleaning, then with the means of mechanical surface preparation methods such as Hand or Power tool cleaning and further cleaned with water cleaning methods.

### Rust:

All rust layers must be removed | overcome by means of mechanical surface preparation methods such as but not limited to; Hand or Power Tool Cleaning. 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, Multi Surface & Tile Adhesion Primer.

### Fungicide, mould & bacteria:

Remove fungicide, mould, bacteria and other contaminants of a similar nature from the surface with the use of RB10, Anti-fungicide. For unpainted cementitious and masonry surfaces, remove such contaminants with the use of Promac, Galv Prep.

### Oils, grease & grime:

Remove oils, grease, grime and other contaminants of a similar nature from the surface with the use of RB10, Clean & Degrease. For unpainted cementitious and masonry surfaces, remove such contaminants with the use of Promac, Galv Prep.

### Efflorescence:

Remove as much loose material from the surface by means of mechanical surface preparation methods such as but not limited to; Hand or Power Tool Cleaning, then further treat, clean and prepare the surface with the use of Promac, Galv Prep.

### Existing enamel & hard cured coating films in good condition:

All existing coatings that are in good condition, (confirmed by carrying out adhesive tests) must be prepared. The surface of the existing coating must be profiled to increase the tooth for optimal overcoating adhesion capabilities. Profile the existing coating by lightly abrading the existing coating surface by means of; Hand or Power Tool Cleaning and then further cleaned by surface cleaning methods (water cleaning methods).

### Chalky & friable surfaces:

Test the surface for friable and chalky properties with the use of clear tape used for Dust and debris tests, such as the Elcometer 142 dust tape. Apply the tape to the surface and after a short while remove the tape and place the tape on a white piece of paper. Check the tape's cleanliness, if more than 30% of the underside of the tape contains friable and chalky material treat the surface as friable and/or chalky. Surface preparation methods must be repeated until surface is free from all friable and chalking materials or below 30%.

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Rigid unpainted substrate surfaces (i.e PVC, Glass, melamine, Formica):

All rigid unpainted substrate surfaces must be prepared. The surface must be profiled to increase the tooth for optimal adhesion performance of Promac, Multi Primer. Profile the surface by lightly abrading the existing coating surface by means of; Hand or Power Tool Cleaning and then further clean the surface with water cleaning methods.

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

### APPLICATION

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Subsequent to the surface preparation suggested above ensuring the surface is dry, sound and free of all contamination apply an application of Promac, Multi Prime to the surface using a brush, roller or spray. Allow for the product to dry for 6 – 8 hours before overcoating the application. Promac, Multi Prime may be overcoated with most Promac topcoat, intermediate and waterproofing products. For optimum adhesion performance properties of the subsequent product application it is advised to overcoat the Promac, Multi Prime application within 48 hours.

### HEALTH & SAFETY

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The product contains a flammable solvent. Precaution must be taken to prevent naked flames encountering with vapours (i.e. smoking must be prohibited). Solvents may also cause narcotic effects if the vapour concentration is too high: always ensure adequate ventilation (do not use solvent-based paints in a poorly ventilated or closed space). Avoid contact with skin, eyes, mouth etc. Wear protective clothing, goggles & gloves. If body contact is made, rinse off immediately. Wash product off skin before it has dried using soap and water.

### DISCLAIMER ADVICE

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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.