

TECHNICAL DATA SHEET

P.DS.091 (FB SERIES) REV07/12/2021

WATER BASED

PLASTER PRIMER



Easycoat Plaster Primer is a water-based plaster primer which penetrates the surface and ensures adhesion of topcoats to the surface while providing protection against alkali and efflorescence to subsequent coating applications within the coating system.

USES

New or previously painted cementitious and masonry substrates such as; concrete, cement plaster, fibre cement, and brick surfaces. Suitable for Interior and exterior use. Product is ideal for use for:

- Priming of substrates.
- Builds film of the coating system.
- Providing good adhesive properties for coating system.
- Providing good opacity and hiding power for coating system.
- Providing protection of coatings from detrimental substrate factors: alkali, moisture & efflorescence.

FEATURES & BENEFITS

- Quick drying
- Alkali resistant
- Good adhesion
- Water based low VOC
- Lead less than 90 ppm
- Resistant to efflorescence
- Cost effective quality product
- Suitable for a variety of surfaces

TECHNICAL INFORMATION

PHYSICAL FORM	Non-flammable viscous liquid
COLOUR	White only (may be tinted to pastel shades with universal colourants)
FINISH	Matt
SPREADING RATE	Approximately 5 – 8 m ² /ℓ per application depending on the substrate porosity
FILM THICKNESS	Approximately WFT 130 – 220µm DFT 30 – 50µm per coat
POLYMER TYPE	Alkali- and water-resistant acrylic copolymer latex
FILLERS	Non-toxic extenders
PIGMENTS	Weather and light resistant types only
DRYING PROPERTIES	Surface or touch-dry: within 1 hour
RECOATING TIME	±4 hours depending on conditions during drying and film build
FLASH POINT	Not flammable, water-based product
PACKAGING	5ℓ & 20ℓ

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THINNING

Not recommended, but if required to reduce viscosity thin with a maximum of 5% by volume with clean water. Excessive dilution degrades the quality of the product. (NB: DO NOT add solvent-based thinners such as mineral turpentine or lacquer thinners)

CLEANING

Do not allow the product to dry on equipment. Equipment is readily cleaned using water. (Some detergent may be added to water to facilitate clean up).

APPLICATION METHOD

Stir the contents thoroughly with a flat paddle before use. Apply this product with a paint brush or Synthetic PVA roller, conventional 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:

All surfaces should be clean, sound, free of all contamination and attain moisture levels equal to or lower than 15%.

New plaster & concrete:

New plaster and concrete applications must be allowed to dry and fully cure as suggested by the product manufacturer. If it is not suggested allow new plaster to cure for 14 days and new concrete to dry for 28 days before applying any Promac product(s).

All poorly adhering material & contaminants:

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

Oils and Grease:

Remove oils, dirt and grease from previously painted surfaces with RB10, Clean & Degrease. For unpainted surfaces remove with Promac, Galv Prep.

Fungicide, Algae and Mould:

Remove fungicide, algae, mould and contaminants of a similar nature from previously painted surfaces with RB10, Anti-fungicide. For unpainted surfaces remove with Promac, Galv Prep.

Efflorescence:

Remove all physical and loose material from the substrate by means of Hand Tool Cleaning (i.e. bristle brushing) thereafter treat and prepare the surface with Promac, Galv Prep.

Friable & Chalky surfaces:

Test the surface for friable and chalky properties with clear tape used for dust and debris tests, such as the Elcometer 142 dust tape and roller or a similar quality alternative product. Apply the tape to the surface, firmly rub along the tape. After a short while remove the tape and place the tape on a white piece of paper. Check the tape's cleanliness, if 15% or less of the underside of the tape contains friable and/or chalky material treat the surface as friable and/or chalky and apply the required application(s) of Promac Bonding Liquid WB. If the tape contains more than 15% material, surface cleaning methods must be repeated (as suggested for poorly adherent materials) before the use of bonding liquid and/or Promac, Easycoat Plaster Primer WB. After use of the of a bonding liquid, test the surface for friability and chalkiness once again and if required apply another coat.

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NOTE: All additional products advised for use during surface preparation must be used and applied in accordance to the relevant products data sheet.

APPLICATION

Subsequent to the surface preparation suggested previously, apply the required application(s) of Easycoat Plaster Primer WB as suggested below:

Apply a coat of Easycoat Plaster Primer WB to the required areas at a uniform coverage of 5 - 8 m²/ℓ per coat and the recommended film thicknesses. Allow the application to dry for ± 4hours before proceeding with application of the subsequent coating within the coating system as described below.

LIMITATIONS:

Easycoat Plaster Primer WB should not be applied to any gypsum surfaces, it is recommended that the Easycoat Plaster Primer SB is used in place of the Easycoat Plaster Primer WB for gypsum substrates.

OVERCOATING

Easycoat Plaster Primer WB may be overcoated with most Promac solvent based & water-based intermediate, waterproofing and topcoat products. However, it is recommended that Easycoat Plaster Primer WB be overcoated with water-based products.

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.



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