

TECHNICAL DATA SHEET

P.DS.033 (BW SERIES) REV06/12/2021

SOLVENT BASED

PLASTER PRIMER

ISO 9001



YEAR QUALITY GUARANTEE



Plaster Primer is a solvent based plaster primer which penetrates the surface and ensures optimum 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 substrate surfaces such as; concrete, cement plaster, gypsum, fibre cement, building boards 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

- Alkali resistant plaster primer
- Excellent adhesion
- Lead less than 90 ppm
- Resistant to efflorescence
- Suitable for a variety of surfaces
- Quick drying

TECHNICAL INFORMATION

PHYSICAL FORM	White medium viscosity fluid with characteristic odour
COLOUR	White only (may be tinted to pastel shades with universal colourants)
FINISH	Smooth Matt
SPREADING RATE	Approximately 4 - 8 m ² /ℓ per application depending on the substrate porosity
POLYMER TYPE	Alkali-resistant modified styrene resin
FILLERS	Silicates and carbonates
PIGMENTS	Non-toxic types only
MASS SOLIDS	50±2%
RECOMMENDED DFT	30 – 35 µm per coat
RECOMMENDED WFT	100 – 125 µm per coat
S.G.	1.2±0.05 kg/ℓ
VOLUME SOLIDS	30 ± 2%
VISCOSITY	75 – 80 KU

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DRYING PROPERTIES	Surface or touch-dry: within 1 hour
OVERCOATING TIME	± 6 hours depending on environmental conditions during drying and film build
FLASH POINT	42°C (Contains flammable solvent)
PACKAGING	1ℓ, 5ℓ & 20ℓ
THINNING	Use a minimum quantity of mineral turpentine if required
CLEANING	Equipment cleaned using white spirits, brush cleaners, lacquer thinners etc.
APPLICATION METHOD	Supplied ready-for-use. Apply using enamel roller or brushing. May be sprayed using conventional spray equipment. Dilution with mineral turpentine may be required

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

SURFACE PREPARATION

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 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.

Oils and Grease:

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

Friable & Chalky 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 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 SB or Bonding Liquid WB. If the tape contains more than 15% material, surface cleaning methods must be repeated (as suggested for poorly adherent materials) before use of bonding liquid and/or Plaster Primer SB. 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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APPLICATION

Subsequent to the surface preparation suggested above, apply an application of Promac Plaster Primer SB to the surface. Allow for the product to dry for ± 6 hours before overcoating the Plaster Primer SB application. Promac Plaster Primer SB is ideal for overcoating with most Promac waterproofing, intermediate and topcoat products.

HEALTH & SAFETY

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

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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