

TECHNICAL DATA SHEET

P.DS.039 (FB SERIES) REV06/12/2024

DPP200
SOLVENT BASED

PROMAC PRO DAMP SEAL PLASTER PRIMER

Promac Pro Damp Seal Plaster Primer is a multi-purpose pigmented alkali-resistant, masonry primer / sealer for sound cement and gypsum plasters, concrete and brick.

USES

INTERIOR & EXTERIOR

Primer for sound masonry surfaces such as cement or gypsum plaster.

NB: If surfaces are friable, weak or powdery it is highly recommended that an alkali-resistant penetrating bonding liquid such as Promac Bonding Liquid be applied as a first coat.

FEATURES & BENEFITS

- Alkali resistant
- Moisture tolerant
- Primer
- Sealer

TECHNICAL INFORMATION

PHYSICAL FORM	White medium viscosity fluid with characteristic odour
COLOUR	Off-white only (may be tinted to pastel shades with universal colourants)
FINISH	Semi matt
SPREADING RATE	Approximately 8 m ² /ℓ per application
POLYMER TYPE	Alkali-resistant modified acrylic resin in solution
FILLERS	Inert silicates and carbonates
PIGMENTS	Non-toxic types only
DRYING PROPERTIES	Surface or touch-dry: within 1 hour
RECOATING TIME	4h depending on conditions and film build
FLASH POINT	42°C (Contains flammable solvent)
PACKAGING	1ℓ, 5ℓ & 20ℓ
THINNING	Use a minimum quantity of mineral turpentine if required

DO NOT USE

- 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 09H00 AND AFTER 16H00 IN THE WINTER

RECOMMENDED APPLICATION PROCEDURE – PRO DAMP SEAL PLASTER PRIMER

General Applications:

1. SURFACE PREPARATION

Clean down the surface to be treated using a brush and water to remove loosely adhering surface particles and any oily contamination (Promac Clean and Degrease may aid the removal of the latter). Rinse thoroughly and allow to dry. Check condition of the surface by rubbing a finger over it or applying adhesive tape (e.g. masking tape). Check if an appreciable amount of the surface is removed. If this occurs, treat the surface as friable (see below).

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Binding or Sealing of Friable Surfaces

Apply Promac Bonding Liquid to the prepared surface to give a uniform appearance. Do not apply heavy coatings as a glassy finish may result which can interfere with subsequent paint adhesion. Allow drying for 4h minimum before applying **Pro Damp Seal Plaster Primer** as described below.

2. APPLICATION OF PRO DAMP SEAL PLASTER PRIMER

2.1 Primer/Sealer/Curing Membrane

Apply **Pro Damp Seal Plaster Primer** to the surface prepared as above. Make sure that any fresh plaster is firm enough to tolerate the application of the product before starting. Allow drying for at least 2h before over coating.

3. FINISHING COATINGS

3.1 Water-based (PVA-type) Finishing Coats

Allow **Pro Damp Seal Plaster Primer** to age for at least 4h before applying the selected coating directly to the primed surface.

NB: Never use an economy-grade PVA as a “filler coat” under a premium grade finishing coat (e.g. Dimensions Silk) is not recommended as this type of product does not have the same film strength as the finishing coat. Delamination may occur under certain conditions.

3.2 Solvent-based Enamels

Allow **Pro Damp Seal Plaster Primer** to age overnight before applying Promac Universal Undercoat. Leave to dry overnight, then lightly sand the undercoat with fine abrasive paper to produce a smooth surface (two coats of undercoat may be used to provide optimum surface smoothness after sanding). Then apply the required finishing coating (e.g. Non-Drip Enamel, Gloss Enamel or Eggshell Enamel). Observe all the limitations of recoating times to avoid poor inter-coat adhesion, lifting and other potential defects.

NB: The use of undercoat under enamel enables a smoother finish to be obtained after sanding and improves the overall coating adhesion. Universal Undercoat may be tinted with universal colourant to improve opacity and coverage of the finishing coat.

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.