

TECHNICAL DATA SHEET

P.DS.061 (BW SERIES) REV08/12/2021

WATER BASED NANOTECH

PLASTER PRIMER



10
YEAR QUALITY
GUARANTEE



Promac Plaster Primer Nano-Tech is a water-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, rhinolite, 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

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

TECHNICAL DATA

PHYSICAL FORM	Low odour, non-flammable medium viscosity liquid paint containing pigments and extenders
COLOUR	White
FINISH	Matt
SPREADING RATE	Approximately 4 - 8 m ² /ℓ per application, depending on substrate porosity
RECOMMENDED WFT	35 - 45 µm per coat
RECOMMENDED DFT	110 - 114 µm per coat
VISCOSITY @ 23°C	95 – 100KU
S G @ 23°C	1.243-1.343 Kg/ℓ
MASS SOLID	45-50%
VOLUME SOLID	30-35%
POLYMER TYPE	New Technology alkali- and water-resistant acrylic copolymer latex incorporating Nano-technology
FILLERS	Non-toxic extenders
PIGMENTS	Non-toxic, weather and light resistant types only
DRYING PROPERTIES	Surface or touch-dry: within 1 hour

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RECOATING TIME	4 hours depending on conditions during drying and film build
FLASH POINT	Not flammable in liquid form
PACKAGING	5ℓ & 20ℓ
THINNING	The product is supplied ready for use but may be thinned with a maximum of 10% 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 paintbrush or Synthetic PVA roller, and allow 2 to 4 hours drying time between coats.

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

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 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 WB Nano-Tech. 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 WB Nano-Tech to the surface. Allow for the product to dry for \pm 4 hours before overcoating the Plaster Primer WB Nano-Tech application. Promac Plaster Primer WB Nano-Tech is ideal for overcoating with most Promac waterproofing, intermediate and WB topcoat 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.