



B.DS.036
BW SERIES

TECHNICAL DATA SHEET

NANO TECH PLASTER PRIMER



GENERAL DESCRIPTION:

Nanotechnology Plaster Primer is a high quality pigmented alkali-resistant primer/penetrating sealer and undercoat for sound cement plaster and cured gypsum plasters, concrete, brick and other masonry substrates. It has been specially formulated with improved and enhanced characteristics/ benefits for maximum penetration and adhesion as outlined below:

Multi-Functional (primer, penetrating sealer & undercoat), Alkali Resistant, Ammonia Free, Low odour, Low VOC and Lead Free.

USES:

Interior and exterior on new or previously painted masonry and Rhinolite surfaces where good substrate penetration and adhesion together with good intercoat adhesion is required. Can be applied to other suitably primed substrates as a versatile undercoat. It may also be used on porous surfaces as a sealer and on loose powdery plaster as a bonding agent.

FEATURES & BENEFITS:

- Nano Tech plaster primer (small particles)
- Resistance to efflorescence
- High alkali resistance
- Low VOC
- Excellent penetrating properties

TECHNICAL INFORMATION	
1. NANO TECH PLASTER PRIMER	
PHYSICAL FORM	Low odour, non-flammable medium viscosity liquid paint containing pigments and extenders
COLOUR	White
FINISH	Medium sheen
SPREADING RATE	Approximately 4 – 6 m ² per litre per application
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
RECOATING TIME	2 – 4h depending on conditions 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
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

**RECOMMENDED APPLICATION PROCEDURE****SURFACE PREPARATION:****New Surfaces:**

Surfaces must be thoroughly clean, dry and in sound condition before painting.

- a) Concrete / Cement: Apply one coat of Nanotechnology Plaster Primer, followed by two coats of Premium Quality Acrylic Wall Coating.
- b) Fibre Cement: Apply one coat of Nanotechnology Plaster Primer, followed by two coats of Premium Quality Acrylic wall coating.
- c) Gypsum Plaster: Apply one coat of Nanotechnology Plaster Primer followed by two coats of Premium Quality Acrylic Wall Coating.
- d) Galvanised & Mild Steel: Apply one coat appropriate Metal Primer or equivalent product, followed by one coat Nanotechnology Primer, and two coats of Premium Quality Acrylic Wall Coating.

Previously Painted Surfaces:

Thoroughly clean and prepare surface by removing all dirt, grease, grime and flaking paint before painting. Clean down the surface to be treated using a brush and water to remove loosely adhering surface particles and any oily contamination (a detergent 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).

Binding or Sealing of friable surfaces:

Apply 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 to dry for 2h minimum before applying Nanotechnology Plaster Primer followed by 2 coats Premium Quality Acrylic Wall coating, as below.

Loose and powdery surfaces:

Loose and powdery surfaces must be sealed with one coat of Nanotechnology, prior to applying two coats of Premium Quality Acrylic Wall Coating. Ensure that the surface is correctly prepared before painting.

HEALTH & SAFETY

Keep paint away from children. 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.