

# TECHNICAL DATA SHEET

P.DS.115 (BW SERIES) REV05/11/2021

## WATER BASED NANOTECH

# BONDING LIQUID



10  
YEAR QUALITY  
GUARANTEE



A water-based Acrylic Nano-Tech, Alkali-resistant penetrating bonding sealer designed for sealing chalked paint surfaces as well as a wide range of friable surfaces such as gypsum and cement plasters. Increase substrate strength for optimum durability of all finishing coats.

### USES

#### Interior & Exterior

Binds and seals porous or chalked paint surfaces as well as loose or friable substrates. Promotes adhesion over these surfaces.

### FEATURES & BENEFITS

- Water based bonding liquid
- Excellent adhesion properties
- Enhanced penetration
- Bonding Sealer

### TECHNICAL DATA

<b>PHYSICAL FORM</b>	Low odour water thin milky liquid
<b>COLOUR</b>	Dries clear
<b>FINISH</b>	Haze Matt (but is intended to soak into a surface)
<b>SPREADING RATE</b>	Approximately 8 – 10 m <sup>2</sup> /ℓ per application
<b>POLYMER TYPE</b>	Proprietary Nanotech Polymer
<b>DRYING PROPERTIES</b>	Surface or touch-dry: within 1 hour
<b>RECOATING TIME</b>	2 - 3 Hours depending on conditions and film build
<b>FLASH POINT</b>	Not flammable in liquid form
<b>PACKAGING</b>	5ℓ & 20ℓ
<b>THINNING</b>	RFU – no thinning required
<b>CLEANING</b>	Do not allow the product to dry on equipment. Clean with water while wet. (Some detergent /liquid soap or water rinseable degreaser may be used with water to facilitate clean-up of equipment)
<b>APPLICATION METHOD</b>	Supplied ready-for-use stir contents thoroughly with a flat paddle before use. Apply using a paint Synthetic PVA roller or brush. May be sprayed using conventional spray equipment

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### 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

#### 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 with the use of Galp Prep.

### BONDING LIQUID WB DIRECTIONS OF USE AND APPLICATION

Subsequent to the surface preparation suggested above, apply an application of Bonding Liquid WB for:

- Bonding and sealing of friable and chalking surfaces.
- Bonding and sealing of cementitious surfaces.
- Sealing of porous substrate surfaces.

#### DIRECTIONS OF USE:

Apply an application of Promac Bonding Liquid WB to surface using brush or roller. Apply / overcoat the application while the product is still tacky between 45min to 60min for optimal overcoating adhesion properties. Drying & overcoating times are dependent on environment conditions during drying and film build.

#### NOTE:

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. If the tape contains more than 15% material, surface cleaning methods must be repeated before use of the product. After use of the product, test the surface for friability and chalkiness once again and if required apply another coat.

#### LIMITATIONS:

The use of Bonding Liquid WB is not recommended for application on metals, PVC and other hardy smooth substrate materials.

### 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.

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