



# NOVASEAL600

Cold applied Polyurethane dispersion waterproofing membrane

## DESCRIPTION

NOVASEAL600 is a cold applied single component bitumen modified polyurethane waterproofing membrane.

## USES

- ▶ Concrete and polyester built up roofs
- ▶ Masonry and metal surfaces
- ▶ Basements
- ▶ Wet Areas
- ▶ Concrete Walls

## ADVANTAGES

- ▶ Polyurethane Dispersion
- ▶ High Tensile Strength
- ▶ Crack Bridging >1mm
- ▶ Resistant to oxidation
- ▶ Highly durable
- ▶ Repair friendly

## APPLICATION DETAILS

### SURFACE PREPARATION:

Substrate should be sound, clean and free from dirt, dust, laitance and all loosely adhering particles. Absorbent cement based surfaces should be thoroughly saturated with water to achieve surface saturated dry condition. All cracks larger than 1mm should be filled with cement base concrete repair.

### APPLICATION:

Apply two coats NOVASEAL600 at 1.0mm per coat thickness directly to the prepared substrate after mixing the NOVASEAL600 with slow feed mixer, then apply it using notched trowel and spread the product evenly over the area. Apply two coats in order to avoid pinholes.

Note: Surfaces subject to continuous splashes or permanent contact with water shall be left to dry for at least 7 days before they are filled with water.

### METHOD OF APPLICATION:

1. Thinning by 5% clean water
2. For large volume mixing use a low speed drill and mix it for 3 minutes.

### THEORETICAL SPREADING RATE:

0.85kg/m<sup>2</sup> at 1mm DFT

### CURING:

Full Curing: 7 days from the date of final application  
Recoat: 8 hours

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## COMPLIANCE

Complies with ASTM D 2833, D-412, D-417

## TECHNICAL SPECIFICATIONS



Type	Polyurethane Dispersion Resin
Form	Dark Black
Solid Content (ASTM C 836)	69 ± 5%
Specific Gravity (ASTM C 836)	1.23 ± 0.2
Tensile Strength (ASTM D 412)	>1.5 N/mm <sup>2</sup>
Elongation at break (ASTM D 412)	600 ± 25%
Shore A Hardness (ASTM D 624)	>55
Tear Resistance (ASTM D 1004)	>15 N/mm
Resistance to Bacteria (ASTM D 4299)	No attack
Resistance to Algae (ASTM G 29)	No attack
Water vapor transmission (ASTM E 96)	<10.0 gm/m <sup>2</sup> per day
Service Temperature (ASTM D 2485)	0 - 75°C
Resistance to Chemicals:	
Sodium	No Effect
10% HCL	No Effect
Alkalis	No Effect
Packing	20kg/pail

The information given in this datasheet is based on both current development work and many years of field experience. Whilst every effort is made to ensure that the information is reliable, we cannot accept responsibility for any work carried out with our materials as we have no control over methods of application, site, conditions, etc.



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