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**HYDROBOND 3001 WATERPROOFING  
UNDERLAY MEMBRANE****DESCRIPTION :**

Hydrobond Waterproofing Underlay Membrane is a two-packed multi-purpose Concrete Waterproofing for the construction industry made from specially developed water based acrylic polymer. This product is designed to be compounded with powder aggregate containing Portland Cement giving impregnable coating layer with high tensile strength, flexibility, low shrinkage and water tight.

**FEATURES :**

- No Seepage
- No Cracks
- Waterproof
- Non-toxic
- No Seamline

**USE :**

Hydrobond Waterproofing Membrane is specially recommended best for horizontal concrete surfaces, i.e. toilet and bathroom concrete floor, roof deck, park deck, cellar, gutter or canopy.

**FINISH :**

Textured

**COLOR :**

Gray

**RECOMMENDED DFT :**

Approximately 2mm thick Membrane

**THEORETICAL SPREAD RATE :**

Approximately 4-5 sq. m. per 4L set (2 coats)

**DRYING TIME :**

Dry to touch : 2-3 hours  
Dry to recoat : approximately 4-6 hours

**SURFACE PREPARATION :**

**Concrete must be fully cured, structural sound, level, free of dust, dirt, fungus, moss growth and other contaminants. Repair concrete when necessary.**

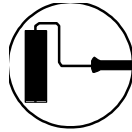
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The information in this data sheet is based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve users from the responsibility of carrying out their own tests neither do they imply any legally binding assurance of certain properties or suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

### APPLICATION :



Brush



Roller

Plastic Bucket or Basin  
Mechanical Stirrer

### APPLICATION GUIDELINES :

1. Mix component Powder Mix #300PM unto Hydrobond Liquid 3001 using mechanical stirrer preferably using non-metallic bucket. The product is supplied in pre-measured containers.
2. Pre-wet surface with tap water till sufficiently below saturated.
3. Roller or Brush – apply the mixture following below instruction ;  
First Coat : Haft of a gallon set to be rolled evenly to a measured area of 4-5 square meters. This spread rate will result to about 1mm dry membrane. Allow to set 4-6 hours for recoat.  
Second Coat : Apply the other half to same coated area for a final total dry thickness of 2mm. Make sure to apply stripe coat along corners using brush.
4. Flood test – flood with water after minimum of 2 days cure.  
 Test duration should run for 24 hours. Touch-up any sign of failure, if any, with the same mixture.
5. Drain water, surface now ready for resurfacing with concrete.

### PERFORMANCE DATA :

	Values
1. Tensile Strength at Break Test Method, ASTM D-2370-98	300 x 10 <sup>3</sup> psi
2. Percent Elongation Test Method , ASTM D-2370-98	400.0%
3. Water Vapor Transmission Test Method, ASTM E-96-80	
After 1 day	0.27 g
After 7 days	2.29 g
WVT	5.45 g / m <sup>2</sup> h

### PACKAGING :

**Hydrobond 3001 Liquid : 4L plastic gallon**

**Hydrobond Powder Mix 300PM : 3.5 kgs. tin can**

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