



BONDITAQUA FLEX WMC

Nexgen Construction Supplements



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BONDITAQUA FLEX WMC

Elastomeric Flexible Water Proofing Membrane Coating

DESCRIPTION

BONDIT AQUA FLEX WMC, is a white coloured acrylic modified flexible coating in thixotropic consistency. When it is subjected to air curing, it develops a monolithic seamless water proof membrane. For a crack of width 0.5 mm and 1.5 mm, non-woven fabric between two coats is preferred.

ADVANTAGES / BENIFITS

- It increases the tensile strength.
- Highly flexible.
- Resistance to further tear.
- Easy to apply as it is a single component material.

CHARACTERISTICS

Colour	White
Tensile Strength	150 KG/CM ² with 1mm typical film thickness
Resistance to further tear	100 KG/CM ² with 1mm typical film thickness
Water vapour transmission	0.025 KG/CM ² for hours
Elongation	300%

AREAS OF APPLICATIONS

- It can be used over cracks when the width of the crack ranges between 0.5 mm and 1.5 mm.
- It can also be used on a sloped or flat concrete roof as a waterproofing coat
- It can be used on basement, metal or asbestos sheet joints etc.

SPECIFICATION

Complies to ASTM C-898 and 886.

DIRECTIONS FOR USAGE

- The surface over which the material is to be applied should be free from dust, grease, oil etc. The surface should be dry before applying Bondit Aqua Flex WMC.
- After the application of Bondit Aqua Flex WMC, allow it to dry for 20 to 30 minutes.
- In order to obtain best results, Bondit Aqua Flex WMC can be applied when the primer is almost dry from tacky stage which is felt by palm.
- less than 0.5 mm of width, Bondit Aqua Flex WMC is to be applied at a coverage of 4 Sq. mtr per kg per coat spread 50 mm on either side. A minimum of two coats is to be applied with a gap of 4 to 6 hrs. between each coat. The thickness of the film is nearly 60 to 80 microns per coat.

DIRECTIONS FOR USAGE

- Between 0.5 mm to 0.8 mm, Bondit Aqua Flex WMC is to be applied at a coverage of 1.5 Sq. mtr per kg per coat spread 50 mm on either side. A minimum of two coats are to be applied. The film thickness is about 150 to 200 microns per coat.
- Between 0.8 mm and 2.00 mm, three coats is to be applied. First coat of Bondit Aqua Flex WMC is to be applied at a coverage of 0.65 Sq. mtr per kg, spread 75 to 100 mm on either side. The thickness of the first coating is 600 to 900 microns. Immediately a non – oven fabric is spread saturated with “Bondit Aqua Flex WMC” using a roller / brush and allowed to dry for 4 to 6 hrs. Second coat is applied at a coverage of 1 Sq. mtr per kg, having film thickness of 400 to 600 microns. Allow it to dry for about 6 hrs. Final coating is applied at a coverage of 0.8 Sq. mtr per kg, having film thickness of 500 to 700 microns.
- To treat entire surface, Bondit Aqua Flex WMC is applied at a coverage of 1.5 Sq. mtr per kg per coat. Minimum of two coats are applied leaving a gap of 4 to 6 hrs. between each coat. Total dry film thickness is 300 to 400 microns.
- CURING: Only air curing is required. A cover of 12 to 30 mm thick cement-sand mortar (1:5) admixed with Bondit Proof IWP 1 is recommended on the Bondit Aqua Flex WMC coating

SUPPLY

It is available in 10 Kg pack

TECHNICAL SUPPORT

Technical information and guidance regarding BONDIT range of admixtures, repairs and bonding, water proofing systems, epoxy industrial flooring systems etc., will be available from the technical services department, BONDIT CONSTRUCTION CHEMICALS PVT LTD.

IMPORTANT NOTE

BONDIT products undergo high standard quality checks and every reasonable precaution is taken in the manufacture of all products. BONDIT continuously strive to ensure the products, recommendations, specifications & information given is reliable, correct and accurate. No specific guarantee can be assured as product performance depends not only on quality but also on many other factors which are not under our control. The customer should make his own trials to determine the compatibility of the product for his own purpose. All products are sold subject to our standard terms and conditions of sale.

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