



POLYCOATE BBX

Elastomeric waterproofing membrane

Description

POLYCOATE BBX is a two component acrylic polymer modified elastomeric waterproofing membrane which consists of POLYCOATE BBX powder and POLYCOATE BBX liquid acrylic emulsion. It requires only clean fresh water on site mix when mixed in the proper proportions, an easily brush able coating is produced. POLYCOATE BBX powder consists of specially selected white cements, graded hard-wearing aggregates and additives supplied in powder and POLYCOATE BBX liquid component of blended acrylic copolymers. The polymer provides POLYCOATE BBX with exceptional adhesion, toughness and durability.

Advantages

- Minimum surface preparation needed low labor costs
- Applied directly to the damp concrete and masonry
- Excellent adhesion bonds to porous and nonporous surfaces
- Non-toxic-ideal for potable water tanks
- Excellent for damp-proofing basements
- Allows transmission of water vapor from interior of building
- Excellent for concrete roof, leaking brick and masonry walls
- Good resistance to Carbon dioxide and Chloride ion diffusion

Uses

- Water tanks, reservoirs, swimming pools
- Roofs and terrace of all types of low and high rise building
- To protect against concrete decay providing a long lasting barrier to waterborne corrosive salts and atmospheric gases
- To re-face and even out variations in concrete and masonry surfaces
- To seal concrete masonry walls and bridges the shrinkage cracks which are static
- To provide a tough and durable coating which cannot be easily damaged or worn away

Technical Information

PROPERTIES	RESULTS
Mixed color	White Viscous Liquid
Application temperature	Not less than 10°C
Mixed Density	1.90 Kg/ltr (brushable consistency)
Pot life @20°C & 35°C	1 hrs and 20min respectively
Tensile Strength	2 N/mm ² (at 1.5mm thickness)
Elongation at break % DIN53504 @27°C	>200
Chemical resistance	Yes
Solar light reflecting index (ASTM E1980)	102
Microbiological resistance	Algae and Fungal Resistance
Crack bridging ability (ASTM C1305)	Passes upto 3.2mm Width
VOC	<10gm/liter
Solid Content	60 to 65%

Method of Application

- Clean all the surface which is to be treated with POLYCOTE BBX from dust, oil, laitance
- Prime the surface with PRIMER WH if necessary .priming the surface before waterproofing will provide better adhesion to the substrate and increase durability of waterproofing system.
- Mix the pack of POLYCOTE BBX powder and POLYCOTE BBX liquid properly which is supplied in pre weight quantity.
- Apply the mix with the help of brush on the prepared surface.
.It is recommended that for general re-surfacing the total thickness of the applied material be 1 to 2 mm.
- Areas subjected to moderate and heavy loads/hydrostatic pressure, minimum 2mm thickness coating is recommended with screed above.
- Allow the POLYCOTE BBX to dry before covering with screed. Sprinkle coarse sand on wet surface of final coat for better adhesion of screed. Average drying time is 4 to 6 hours at . normal temperatures.

Coverage

- The approximate coverage per pack at even consistency (1 mm thickness) is as follows:
Consistency Brush Application Coverage (10 kg + 5 lit pack): 10 m²
This depends on the required consistency of surface.

Curing

- It is strongly recommended that concrete should be properly cured.

Packaging

- POLYCOTE BBX is supplied as a package of 3 Kg set (2 kg bag powder + 1 liter jerry can)
- POLYCOTE BBX is supplied in 15 Kg set (10 kg bag powder + 5 liter jerry can) & 30 kg set (20 kg bag powder + 10 liter jerry can)

Storage


- Minimum of 12 months shelf-life if kept under room temperature (i.e. 27°C).

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