

BITUPROOF

Cold Applied Water Proofer Complete System

Description:

Cold applied water proofer complete system using BITUPROOF cold applied Bitumin emulsion and BITUPROOF durable knit fabric.

Advantages:

- No need for leveling layers, it must be applied directly on top concrete surface, according to main rules of waterproofing theory.
- Cold applied and easy to apply.
- Adheres firmly to any horizontal or vertical surfaces, so, this prevent under layer leakage.
- Adheres also to dry or moist surfaces, thus it can be applied after rain or on fresh wet concrete.
- Remains highly elastic and water tight even under tension.
- Permeable to vapor.
- Dries rapidly, depending on atmospheric temperature and humidity.
- Saves considerable expenses as it is easy to apply which means higher efficiency with the same amount of work.

DIRECTION OF USE:

- All surfaces must be firm and thoroughly cleaned of loose particles, oil and grease.
- Holes must be filled and masonry joints must be flush-jointed.
- Angle fillet about 50x50mm, from sand, cement and ADDIBOND adhesive is applied directly in the connection between walls and floors.
- Apply primer coat of BITUPROOF diluted with little water up to 5% .
- Apply BITUPROOF fabric directly on the previous layer before drying, fabric must be rolled and broaden firmly on the surface and the vertical angle fillet.
- Apply final coat of BITUPROOF emulsion on previous membrane. (Directly or after drying).
- Suitable layer of sand or mortar screed should be made to protect the water proofing layer.

Note: (Another coat of BITUPROOF emulsion can be applied additionally up to request)
Application tools should be moistened with water before use and at intervals during application and thoroughly cleaned with water after use.

RATE OF USE:

2 Kg/m² of BITUPROOF emulsion.

Packages

BITUPROOF emulsion

- 1Kg, 4Kg, 15Kg, 125Kg
- Sacks (5Kg, 10Kg)

BITUPROOF fabric

Rolls (1.0 × 100 m)

PROPERTIES AND TESTING RESULTS:

TEST	RESULT
Heat and low temperature stability	No effect after exposing samples to 70°C temperature for 2 hour to 40°C temperature for 1/2 hour
Drying time	Max. drying time 1 hour at 23 °C
Water vapor permeability	0.62 gm/m ² /mm for specimen of 3mm thick.
Resistance to accelerated weathering	No effect after 2 years for the coated samples.
Resistance to chemicals	Resistant to sea water Resistant to 10% of sodium hydroxide and potassium hydroxide
Effect on potable water	No effect (according to international specifications)

Permeability Test according to EN -1928.

TEST	RESULT
Thickness of water proofing sheet (mm)	1.25mm
%Loss in pressure: (after testing at pressure 0.10 bar for 24 hrs)	0.0%
Max. pressure: (after increase the pressure until leakage of water)	3.50 bar