



AQUASHIELD BX

BITUMEN EMULSION WATERPROOFING COATING

KEY FEATURES

- Exceptional and lasting resistance to weathering on exposure to the elements.
- Retain its plasticity and ductility indefinitely.
- Neither flows nor creeps under heat.
- Excellent adhesion to any clean, dry surface.
- Non-flammable.
- Non toxic or hazardous to handlers.
- upon cured it imparts neither odour, taste nor colour to materials in contact.
- Construction friendly and could be applied on damp surface.

DESCRIPTION

Aquashield BX bitumen emulsion consists of pure bitumen emulsified in water with the aid of special mineral colloids. The applications were called 'Cold Asphalt' simple because Aquashield BX is ready for use without recourse to heating and absence of solvent, practically eliminate the fire and asphyxiation hazards.

Aquashield BX bitumen emulsion is completely stable upon storage, enable dilution with water and mixed with cement, sand and aggregates to produce mastic mix.

Aquashield BX bitumen emulsion when applied, upon curing, the bitumen particle combine to provide an impermeable film of pure bitumen membrane.

GENERAL USES

- Damp-proofing
- Anti corrosive protection
- Structure protection

SUBSTRATE PREPARATION

All substrates shall be sound, clean and free of dust, excess mortar, oil or other loose particles. Cracks, honeycombs and other defects must be repaired using suitable cement mortar.

Interface between metal flashing and concrete may be

PERFORMANCE PROPERTIES

Typical properties conducted at 23°C and 50% RH

Form	Brownish black paste liquid
Specific Gravity	1.0 ± 0.03
Solid Content	~ 50%
Flammability	Non-Flammable
Drying Time	4 to 6 hours
Application Temperature	5°C to 60°C

sealed with Aquashield BX reinforced by imbedding a wide strip of fiberglass mat.

For excessively dry substrate, dampen the substrate and keep it continuously moist for 1 to 2 hours before application. Remove all excess water or standing water and allow the surface to become almost dry to provide an SSD (Saturated Surface Dry) condition before applying the waterproofing coating.

APPLICATION INSTRUCTION

PRIMING

Prime substrate with Bostik bitumen primer at the rate of 5m² per liter depend on substrate condition prior to Aquashield BX application

APPLICATION

Aquashield BX can be applied by trowel, squeegee, brush or roller. Apply directly from the container to the surface to achieve a minimum thickness of 1.0mm.

Apply uniformly in a continuous film to avoid thin spots. Care must be taken to ensure that pinholes and potholes are separately treated.

RECOMMENDED COVERAGE

0.5kg/m² x 4 coats

GROUND FLOOR, TOILET AND RETAINING WALLS

Apply one neat heavy coat of Aquashield BX at a rate of 1.0kg/m² and allow to dry for at least 4-6 hours.

Apply second coat of Aquashield BX at rate of 1.0kg/m².

Note : For the whole system required, layer or number of coating is only for reference, and subject to substrate condition. Therefore to achieve accuracy and reliable

results, it should follow the consumption usage as per recommendation.

PACKAGING

Aquashield BX is available in 20kg pail and 200kg drum.

CLEAN UP

All tools, equipments and surrounding areas can be cleaned with water or thinner before the product sets. Hardened material has to be mechanically removed.

STORAGE AND SHELF LIFE

Store all materials in a cool dry place, in an elevated condition. Aquashield BX has a shelf life of 12 months if unopened and store in recommended conditions.

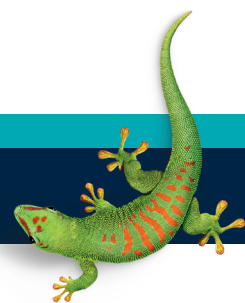
HEALTH AND SAFETY

Apply Aquashield BX in well ventilated areas. Avoid skin and eye contact.

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. However, no warranty in respect of merchantability or fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advise offered. No guarantee of their accuracy can be made because of the great range of field conditions and variation encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.

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