

# AQUASHIELD BX

## Non-Fiberated Coating

### DESCRIPTION

BITUMAT AQUASHIELD BX heavy duty general purpose emulsion coating is a brush applied, clay stabilised, jointless bitumen waterproofing compound. BITUMAT AQUASHIELD BX is specially formulated to provide high water vapour permeability with very high resistance to re-emulsification upon long term contact with water.

### USES

- General waterproofing. Can be used on a wide variety of surfaces including concrete, brick, bitumen & mastic asphalt membranes, asbestos cement, slates, tiles, lead, copper, zinc, corrugated iron and similar surfaces.
- Lining water tanks, etc. Apply on its own or with an open weave glass mesh.

### OUTSTANDING FEATURES

- Micro porous-breathes to stop blistering
- No re-emulsification in water
- Non toxic
- Odour & taint free
- Jointless finish
- High temperatures stability
- Ease of application

### INSTALLATION

#### PREPARATION

1. Thoroughly clean all surfaces to be coated with BITUMAT AQUASHIELD BX.
2. Repair any damaged or cracked substrate.
3. Prepare porous surfaces by priming BITUMAT AQUASHIELD BX diluted 50:50 with water. Treat, friable surfaces with BITUFAST Primer. Allow to dry before application of coating.
4. Stir BITUMAT AQUASHIELD BX well prior to application.

### APPLICATION

1. Apply at the rate of 1.33 litre/m<sup>2</sup> by soft brush or broom to damp (not wet) or dry surfaces.
2. Application is eased by dampening before and during use.
3. Allow first coat to dry. Then apply the second coat at the same rate of 1.33 litre/m<sup>2</sup>. This coat is applied at right angles to the first.
4. For reinforcement and additional flexibility, an open weave glass mesh may be incorporated on top of the uncured first coat and under the second coat of BITUMAT AQUASHIELD BX.
5. Keep tools in water during use. Clean with water when wet, with white spirit when dry.
6. Protect from frost and rain until fully cured.

### STORAGE

Store BITUMAT AQUASHIELD BX under cover, at temperatures between 5°C and 40°C. Stored correctly in an unopened containers, a shelf life of 12 months can be expected. *Storage must be frost free.*

### STANDARDS

Exceeds requirements of ASTM D 1227 87 type III. Meets Singapore Standard 133:1987 type III.

### HEALTH & SAFETY

1. Fire - Non-flammable when wet.
2. Skin - Avoid repeated or prolonged skin contamination. Remove with water when wet or with a hand cleaner when dry.
3. Eyes - No special precautions required. But if eyes become contaminated, irrigate them with copious amounts of clean water.

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### TECHNICAL DATA

EMN07	MAY04	R-00	00
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	Property	Typical Value
1.	Residue by evaporation, %	55-60
2.	Ash content, %	8 (max.)
3.	Specific gravity	1.0
4.	Flammability	Non-flammable when wet
5.	Drying time (firmset)	Less than 24 hrs at 80% RH (+/-5%) @27°C (+/-2°C)
6.	Heat resistance, at 100°C	No flow, sag or blistering
7.	Direct flame test	Coating chars in place
8.	Flexibility at 0°C	No cracking or flaking
9.	Water resistance	No blistering or re-emulsification in water*

\* *Application involving with potable water, use BITUMAT HEAVY DUTY EMULSION, Type RV*

The information given in this Technical Data Sheet is given to the best of our knowledge based on laboratory test and practical experience. However, as the product is often used under conditions beyond our control, we cannot guarantee anything but the product itself.

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