

Technical Data Sheet Issue Date: 08-01-05		Product Code: VT-400 VitalProof BX
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Product Description:

A heavy duty multi-purpose waterbase bitumen emulsion coating for jointless waterproofing compound and allows high water vapour permeability against the blistering. It is economic, ready-to-use and dry into flexible, odorless, taint free, toxic free, fungus resistance, durable coating especially effective in reducing “concrete cancer”, carbonation, spalling and soleplate attack.

Applications:

General Waterproofing: concrete, brick, bitumen & mastic asphalt membranes, asbestos cement, slates, tiles, lead copper, zinc, corrugated iron and similar surfaces.

Wet Aea Waterproofing: toilet, kitchen, balconies, walls, planter box, insulation protection, etc.

Metal Protection: against pipe corrosion, structural steelwork, gutting and down pipes, shed walls water tanks, troughs, metal fence posts, garden frames windmill frames, drums, outdoor machinery and other metallic equipment.

Specification:

APPEARANCE	DARK BROWN, BLACK WHEN DRY
SOLID CONTENT	50 ± 1%
SPECIFIC GRAVITY (25°C)	1.01 ± 0.02
pH (25°C)	8.0 -11.0
SOLUBILITY IN WATER	EMULSIFIABLE
SHELF LIFE	12 MONTHS
APPLICATION TEMPERATURE	5°C TO 40°C

Preparation:

Surfaces must be clean, dry and free of dirt, grease, oil, mildew and other contamination that may inhibit adhesion.

Repair cracks, breaks, open seams with a heavy sealer such as Vital Mortar.

Prepare porous surfaces by priming with diluting 1:1 ratio with water; treat with fibre mesh before it dry and packed with VitalProof BX premix with fine sand by ratio 1:3 in volume. Allow to dry.



Directions:

Stir well before use.

Apply at the rate of 1.33 litre/m² by brush, roller or soft bloom.

For the best results apply two coats, with the first coat allowed to dry before applying the second coat at the right angles on the first coat.

Each coat should be exceed 1mm thickness and allow at least 3 hours for single coat to be dry. Drying time may vary depending upon wet film thickness, temperature, humidity and air movement.

For reinforcement purpose, an open woven glass fibers may be incorporated on to uncured first coat and apply with the second coat before it totally dry.

Wet material an all tools and equipment may be cleaned with water. Rinse tools and equipment with water before use. Clean with water when wet, but with white spirit when dry.

Protect the coating surfaces from frost and rain until fully cured. The maximum durability is obtained if the coating is left 2-3 days for full curing before apply any protective coating on top.

Safety and first aid directions:

Non-flammable when wet

Avoid contact with eyes, skin and mouth.

Use in well ventilated area. In case of contact with eyes, flush with water immediately for 15 minutes. If irritation persists, seek medical attention.

Keep out of reach of children.

Storage:

Store under cover, in dry and cool place with temperature below +25°C. Protect from freezing. Use within 12 months from date of production.

**READ AND FOLLOW DIRECTIONS CAREFULLY
REFER TO MSDS FOR PROPER HANDLING**

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