

TAMPALA BITUMEN PAINT WATER BASED EMULSION

DESCRIPTION:

Tampala Bitumen Paint is a water based, rubber modified bitumen thixotropic emulsion. Once dry, it forms a black elastic coating, which is non-permeable to water, resistant to mild chemical solutions and has excellent weathering resistance

FEATURES:

- Non-permeable to water
- Provides firm but flexible coating
- Resistant to mild chemical solutions
- Excellent weathering resistance
- Odourless and taint free

USES:

- Roof waterproofing
- Basement tanking
- Floor and wall damp-proofing
- A binder for sand or aggregate mixes to provide flexible protective mastic or pavement

APPLICATION:

Stir thoroughly before use to maintain homogeneity.

Prepare surface prior to application by removing loose friable material & other contaminates.

Apply Tampala Bitumen Paint by squeegee, brush, roller, steel trowel or spray.

Apply at least 2 coats, at the rate of 0.6 litres/m²/coat. Allow 4-24 hours between coats. For more porous substrates the application rate may increase.

Allow to completely dry for at least 24 hours prior to subsequent sealing and/or concrete protection.

PACKAGING:

20 litre pail

PRODUCT CHARACTERISTICS:

Appearance - wet/dry	Brown/Black
Chemical Resistance	Alcohol, most salt solutions & some dilute acids & alkalis Not resistant to oils, solvents & strong detergent solutions
Service temperature range	5°C - 50°
Flash point	N/A this is a water based material
Fire resistance	Wet - Non-inflammable Dry - will burn, but no flame spread
Heat flow resistance	Cured film will no flor/sag under sunlight
Shrinkage factor	Approx 45% when fully dried
Toxicity	Non-toxic

TECHNICAL DATA:

Parameter	Standard	Specification
Form/consistency	EPDM-0500	Non-drip thixotropic Brushable paste
Solid content %	ASTM D2939	55.0—63.0
Density g/cm ³	ASTM D1475	0.96—1.20
Penetration (cove) dmm	ASTM D217	300—380
Tensile strength MPa	ASTM D412	≥ 0.2
Elongation at break %	ASTM D412	≥ 400
Water vapour transmission g/m ² /h	ASTM E95 (water method)	Approx 0.4
Pull-off adhesion (N/mm ²)	ASTM D7234	Approx 0.4
Shore A Hardness	ASTM D2240	58.7
Accelerated weathering & UV exposure (QUV)	ASTM G154 ISO 4628	No blistering, cracking, flaking or chalking (exposure 1000 hours)

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