



KISCOTE B2

Bituminous Elastomeric Waterproofing Membrane

DESCRIPTION

KISCOTE B2 is a single-pack, water based bitumen emulsion which cures to form a firm and flexible bitumen waterproofing membrane.

KISCOTE B2 able to perform in continuously immersed areas. If marine lives are to be introduced, allow membrane to fully cure prior to introduction of water.

RECOMMENDED USE

- Planter boxes
- Asbestos cement
- Roofing felt
- Mastic asphalt
- Slates
- Tiles
- Lift pits
- Retaining walls
- Foundation walls
- Concrete floors or walls
- Structural steelworks

ADVANTAGES

- Can be easily applied with brush, roller or spraying equipment
- Cost effective
- Excellent adhesion to various substrates and prevents lateral migration of water underneath.
- Can be applied to damp surface without standing water.
- Able to bridge cracks up to a minimum of 2mm in width
- No flow or sagging of the film at elevated temperatures even on vertical surface.

PACKAGING

KISCOTE B2 is supplied in 20 litres pail

APPLICATION GUIDELINES

a) Priming

- Surface must be clean and free of voids, loose materials, oil grease, curing compounds, sealers and any foreign matters.
- Apply KISCOTE B2PRIME as primer in a continuous application.
- Allow KISCOTE B2PRIME to dry. Required touch dry time is approximately 1 – 2 hours.
- More than one priming is necessary if substrate is aged or very porous.
- Allow at least 12 hours for complete solvent evaporation before applying KISCOTE B2.



b) Application

- Stir the KISCOTE B2 well before use.
- By using roller, brush or spray, apply a thin coat evenly.
- Allow the coat to dry and apply second coat (after approximately 2 hours) at right angles to the previous coat.
- KISCOTE B2 normally cures after 24 hours of application.

LIMITATION

KISCOTE B2 must be applied at least 12 hours after application of KISCOTE B2PRIME.

COVERAGE

- Approximately 0.45 – 0.65 litre of KISCOTE B2 per coat per square meter.
- 1 pail of KISCOTE B2 is expected to cover an area of 15 to 20 square meter (2 coats).

***(Coverage expected to vary with respect to surface condition)**

STORAGE

KISCOTE B2 should be stored in tightly sealed original packing, and a 12-month shelf life can be expected from date of manufacturing.

HEALTH & SAFETY

Refer to SDS for further information.



TECHNICAL PROPERTIES

KISCOTE B2	
Total solid content (SS 133:1987)	≥ 65%
Tensile strength (with fiber reinforcement mesh) (ASTM D412)	> 2.0 N/mm ²
Elongation at break (ASTM D412)	≥ 300
Water penetration (0.7 kgf/cm ² for 6 hours) DIN 1048 Pt 5:1991	0
Adhesion to substrate (ASTM D4541)	≥ 0.4 N/mm ²
Crack bridging (ASTM C 836)	No cracking at 2mm width
Shore A hardness (after 6 hours) (ASTM D2240)	≥ 40
Heat resistance (SS 133:1987)	No sagging, slipping or blistering
Water resistance (SS 133:1987)	No dispersion or blistering
Fire resistance (SS 133:1987)	No combustion or rundown
QUV accelerated weathering (1000 Hrs) (ASTM G154)	No cracking, chalking, blistering or peeling decay and delamination

IMPORTANT NOTES

Any information and/ or specification contained herein is to the best of the company knowledge, true and accurate, it is always recommended that trial to be carried out to confirm suitability of use for all products, as no warranty is given or implied in connection with any recommendations and/or suggestions made by the company representatives, agents and/or distributors.

All information contained in this document is effective from date shown and supersedes all previous version. Please check with your local KENSETSU office to confirm that this is up to date version.

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