

K2 WM PROOF

High Performance Bitumen Modified Liquid Waterproofing Membrane

Description:

K2 WM PROOF is a high performance ready to use, cold applied, high build liquid waterproofing membrane based on polymer modified bitumen emulsion. K2 WM PROOF forms a seamless, highly elastic and durable film that adheres well to most of the common substrates.

Area of Application:

- Waterproofing of concrete and block foundries, retaining walls, basements.
- Wet areas such as kitchen, toilet floors & balconies.
- Damp proof membrane in sandwich panel

constructions.

- Façade damp proofing, protective coating for the substrate.

Benefits:

- Single component, ready to use.
- Creep resistant to temperature up to 120°C.
- Nonflammable and non-toxic.
- Applicable immediately after removal of the framework.
- Resistant to chlorides and sulphates commonly present in the soil.
- Environment friendly.

Technical Properties:

Properties	Results
Appearance	Thixotropic Black Emulsion
Specific Gravity	1.04+/-0.01
Non – Volatile content	65% Minimum
Rubber Content	10% Minimum
PH	10.0 – 12.0
Drying Time	1 -3 Hours
Full dry	3 – 4 Days

Properties of dry film:

Properties	Results
Softening point R & B (ASTM D 36 - 84)	> 120 °C.
Water Vapour Permeability (ASTM E 96 - 92)	> 0.15gr/m ² /day
Elongation at break (ASTM D4.12)	> 900%
Recovery at 350% elongation (ASTM D412)	> 50%
Resistance to water (ASTM D2939)	No blistering or re-emulsification
Protection of buildings against ground water	As per BS 102 code of practice
Curing membrane	ASTM C 309: 1998

APPLICATION PROCESS

- K2 WM PROOF can be applied by brush, roller or squeegee.
- Hot, dry or very porous substrate should be dampened with clean water prior to application of K2 WM proof.
- When two or more coats are required, ensure that the preceding coat should be dried up fully.
- The Drying time depends on the substrate, temperature, humidity and thickness of layer, etc.

Coverage:

10sq.ft/kg (approx.) for 2coats.

Packing:

K2 WM PROOF is available in 20kg Pack.

Important Note:

KONKEM Industries Private Ltd products are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst KONKEM Industries Ltd endeavors to ensure that any advice, recommendation specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products whether or not in accordance with any advice, specification, recommendation or information given by it or its applicators.

Shelf Life and Storage:

K2 WM PROOF has a Shelf life of 12 Months from the date of manufacturing. Store the material in cool and dry place.

Health & safety:

Use normal safety precautions. Wear rubber hand gloves, safety shoes and safety goggles while using and handling the product. Avoid contact with skin and eyes. In case of accidental contact with eyes, wash with plenty of water and seek medical treatment immediately.

Technical Support:

The company provides a technical service supported by the team of specialist applicators in the industry.