



CMI FLEXIPROOF 088

DESCRIPTION:

CMI Flexiproof 088 is a water-based premixed flexible acrylic waterproofing membrane that can be applied directly from the pail. Its mold and fungus resistant properties make it suitable to waterproofs external surfaces from water seepage and protects it from deterioration due to carbonation, mild acid or chemical attack and other types of environment pollution.

USES:

Waterproofing of external walls of old buildings, metal roofs, gutters and asbestos roofs. Waterproofing of old roof tiles.

TECHNICAL DATA:

Solid Content	: > 60% by weight > 48% by volume
Elongation at Break ASTM D412:06ae2	: 310%
Tensile Strength	: > 11.49 N/mm ² (with fiberglass netting)
ASTM D412:06ae2 Adhesion Strength	: 2.55 N/mm ²
ASTM D4541:02 Hardness Shore A	: 72
ASTM D2240:05(10) Crack Bridging	: > 2mm Passed
ASTM C836:2000 Crack Bridging	: Passed
ASTM C836:2000 (after 10 cycles of weathering closing to a width of 2mm)	
Water vapor transmission	: 10.67 g/m ² /24hr
ASTM E 96 / E 96M:10 QUV Accelerated	: No cracking
ASTM G154:06 Weathering (1000 hours)	: Grey Scale No 4.5
ASTM G154:06 Application Temperature	: 5°C to 40°C

Specifications are subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

Manufactured by:

CMI – CONSTRUCTION MATERIAL INDUSTRY SDN. BHD.

NO. 7, JALAN SUNGAI JERLUH 32/196, BUKIT KEMUNING, SECTION 32, 40460, SHAH ALAM, SELANGOR DARUL EHSAN.

Tel: +603-51319325/ 9425 Fax: +603-51318325

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SURFACE PREPARATION:

Ensure that surface is sound, clean and free from irregularities, sharp projections, loose particles, oil and contaminants. Old coatings which are stable and unable to be removed can remain. New concrete must be cured for at least 28 days, with sufficient falls provided to avoid ponding on the finished membrane surface. Jet washing or mechanical abrading is recommended to increase adhesion if applied on existing surfaces. Old coatings which are stable and cannot be removed can remain.

MIXING:

CMI Flexiproof 088 is supplied ready-to-use. No further dilution is required.

APPLICATION:

- Prime the surface with a layer of CMI Mortar Bond 330.
- Subsequently apply the 1st coat of CMI Flexiproof 088 membrane using brush or roller and whilst it is still wet, lay fiberglass reinforcing matt and press into the wet CMI Flexiproof 088. Allow the coat to dry for at least 2 hours.
- Apply an intermediate coat to completely fill the fiberglass reinforcing matt. Apply the final coat to create the required thickness and leave to cure overnight. Apply first coat in one direction and subsequent coat in perpendicular direction to the first coat.
- Note: Due to its elastomeric quality, it may not be possible to get a flat level finish and brush marks or roller marks are common.

COVERAGE:

Approx. 40m² per 20 litres for 1 coat at 0.5mm wet film thickness.

PACKAGING:

Available in 5 liters and 20 liters pail.

SHELF LIFE & STORAGE:

Twelve (12) months when stored in cool and dry condition.

CLEANING:

Clean all brushes, rollers, trays, buckets and surrounding areas with clean water before the product sets.

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HEALTH & SAFETY:

In case of eye splashes or excessive skin contact, thoroughly flush with clean water. If ill effects occur, seek medical attention immediately. Refer to safety data sheet.

***Disclaimer:** The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. Specifications are subjected to changes without prior notice.*

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