



CMI PROOFCOAT 087



DESCRIPTION

CMI ProofCoat 087 is semi-flexible 2 part acrylic modified cementitious waterproofing system. The 2 components react chemically to form a hard and elastic film which bond tenaciously to most concrete or masonry substrate to protect against possible ingress of water.

USES

Internal or external surface of wall and slab, basements, swimming pools, kitchens, toilets, terraces, balcony, planter boxes and water tanks. Suitable substrates include concrete slab, brickwork, precast concrete, and lightweight blocks.

TECHNICAL DATA

Appearance	: Part A - White liquid Part B - Grey powder Part A+B - Grey slurry
Density	: 1.9 - 2.0 kg/liter (wet density)
Tensile Strength	: $\geq 0.5 \text{ N/mm}^2$
Elongation at Break	: $>100\%$
Bond Strength @ 28 days	: $\geq 0.5 \text{ N/mm}^2$
Water Vapor Transmission Rate	: 0.82 g/h.m^2
Pot Life @ 30°C	: Approx. 2 hours
Recommended Thickness	: 1.2 - 1.5mm
Mixing Ratio	: Approx. 45% on dry material

SURFACE PREPARATION

All surfaces must be sound, clean and free from dirt, dust, grease, curing compound and other contaminants which will inhibit proper bonding. Ensure there is no sharp protrusion or defects on the substrates that may damage the membrane. Fill all voids, cracks, edges and angles with CMI Render or suitable repair material. Damp the substrate with clean water. Do not allow water ponding. Primed with CMI Mortar Admix 380 prior to applying CMI ProofCoat 087 for very porous surface.

MIXING

Add 20 kg bag of Part B powder gradually to 9 litres Part A liquid in a clean container whilst mixing. Mix thoroughly for 3 minutes using mechanical mixer (speed 400 – 500 rpm) until a homogenous lump-free plastic consistency is achieved. Use within 2 hours. No addition of water is allowed.

APPLICATION

Apply the mixture using block brush, squeegee or roller in a stifling action. Apply minimum 2 coats in a criss-cross direction. Allow the 1st coat to dry for at least 2-3 hours before a 2nd coat is applied. The drying time depends on the thickness, substrate porosity and the surrounding temperature.

COVERAGE

Approx. 1.5 kg/m^2 per coat

PACKAGING

Available in 29 kg set (20kg Part B & 9 litres Part A)

SHELF LIFE & STORAGE

Six (6) months when stored in cool and dry elevated position.

CMI CONSTRUCTION MATERIAL INDUSTRY SDN BHD (422636-D)

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