

CMI® PROOFSEAL 088
Updated Mar'22

DESCRIPTION

CMI® Proofseal 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.

Product Type	Product Code	Pack Size	Finishing	Color	Substrate
Liquid Membrane Waterproofing	088	5L / 20L	Low Sheen	White	Concrete, metal, asbestos, roof tiles

Technical Data

Solid Content	>60% by weight
Elongation at Break	>48% by volume
Tensile Strength	310%
Adhesion Strength	>11.49 N/mm ² (with fiberglass netting)
Hardness Shore A	2.55 N/mm ²
Crack Bridging	72
Crack Bridging	>2mm Passed
Water vapor transmission	Passed
QUV Accelerated	10.67 g/m ² /24hr
Weathering (1000 hours)	Grey Scale No 4.5
Application Temperature	5°C to 40°C

Recommended Coating & Construction System
Concrete Substrate
Waterproofing (Standard)

Waterproofing	: CMI® Proofseal 088	: 1 coat at 0.5 mm wet film thickness
	: CMI® Proofseal 088	: 1 coat at 0.5 mm wet film thickness

Waterproofing (Reinforcement)

Waterproofing	: CMI® Proofseal 088	: 1 coat at 0.5 mm wet film thickness
	: CMI® Proofseal 088	: 1 coat at 0.5 mm wet film thickness
	: Nippon LM MAT	: 1 layer at 75g/m ² / layer
	: CMI® Proofseal 088	: 1 coat at 0.5 mm wet film thickness

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® Proofseal 088 is supplied ready-to-use. No further dilution is required.

Application

- Prime the surface with a layer of **CMI® Mortar Bond 330**, or alternatively dilute **CMI® Proofseal 088** with 10% clean water.
- Subsequently apply the 1st coat of **CMI® Proofseal 088** membrane using brush or roller and whilst it is still wet, lay fiberglass reinforcing matt and press into the wet **CMI® Proofseal 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.

Cleaning

Clean up equipment with water immediately after use.

Safety Precautions

- Wash thoroughly after handling. Do not eat, drink or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Precaution should be taken to avoid skin or eye contact or swallowing the product.
- Use adequate ventilation to avoid high vapour concentrations.
- When handling or mixing the product, avoid inhaling vapour.
- In case of inadequate ventilation wear respiratory protection. In case inhaled, remove patient to fresh air and allow to rest.
- In case swallowed, do not induce vomiting. Rinse mouth clear with plenty of water.
- In case contact with eye, immediately rinse with plenty of water and seek medical advice.
- Remove splashes from skin by using soap or water.
- Products must always be stored in a cool, dry and well-ventilated area.
- When transporting the product, care must be taken. Always keep container in a secure upright position.
- Disposal of product should always comply with local and national regulations.

Shelf Life & Storage

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

Note

The information provided on this datasheet is not intended to be complete and is provided as general advise only. It is the user's responsibility to ensure that the product is suitable for its intended purpose. As we have no control over the treatment of the product, the standard of surface preparation, or other factors, we are not responsible for any damages or injury, including but not limited to special or consequential damages which may result from the use of our products, which includes any damages or injury caused by any failure of performance. The information contained in this datasheet may be modified by us from time to time, without any notice arising from our continuous product development activities.