CHEMA FOAM

BUILD YOUR DREAM

CHEMA PROOF 107

Economical Waterproofing Solution with Fiberglass Fiber Enhancement



- **Chema Proof 107** is a -2component, semi-flexible waterproofing system based on cementitious powder and acrylic resin.
- Enhanced with dispersed fiberglass fibers, the product offers improved crack resistance and durability compared to conventional coatings.
- It provides a cost-effective solution for general waterproofing applications.

Product Data

Characteristics	Semi flexible
Packaging	25kg (5kg resin / 20kg powder)
Mixing Ratio	Resin : Powder 1 : 4
Density	Comp (A+B) 1.7 ± 0.2 kg/l (mixed)
Shelf life	12 months when unopened
Toxicity	The Egyptian organization for water and sewage chema proof 107 has been tested as per EN ISO 11348-3. Result non toxic.
Reinforcement	- Reinforced with Fiberglass fibers
Storage	- Store material in a clean dry area protected from high humidity, moisture, direct sunlight and extreme heat and cold.

Technical Data @ 25 °C

Description		Values	Unit
Compressive strength after 28 days	ASTM C109	38	N/mm^2
Adhesion strength	ASTM C321	1	N/mm^2
Water Permeability +ve	EN 12390	impermeable up to (3+)	bars
Crack bridging	ASTM C1305	0.5	mm
Elongation at break	ASTM D415	19.4	%
Tensile strength	ASTM G412	3	N/mm^2
Theoretical Consumption Rate	-	2.5	kg/m^2/2 layers thickness of 2mm (depends on surface)

CHEMA PROOF 107

- Fiber-Modified Cementitious Waterproofing System, engineered to provide reliable and cost-effective protection for general waterproofing applications.

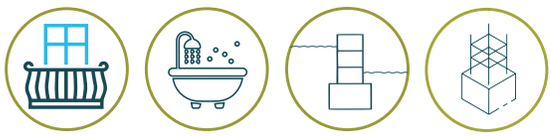
PROPERTIES



PROPERTIES

- Fiber modified for improved crack resistance
- Resistant to chloride ion diffusion
- Non-toxic and Eco-Friendly
- Can be easily repaired
- Weather resistant
- Good adhesion
- Semi flexible
- Economical

AREA OF USE



AREA OF USE

- Waterproofing basement
- Foundations
- Shear walls
- Balconies
- Walls

Mixing Ratio



POWDER
20 kg

RESIN
5 Litres

INSTALLATION



- 1st layer 1 mm dry time after 6 - 8 hours
- 2nd layer 1 mm perpinduclar on it
- must be protected from direct sunlight & strong wind for 48 hours
- we recommend applying a layer of protection after full curing
- do not use the product on expantion joints and dynamic cracks

FACTORY
10th of Ramadan
B4 industrial zone