



# CHEMA FOAM

BUILD YOUR DREAM

## CHEMA PROOF 107

Chema proof 107 is supplied as a 2-component, powder (cement based) and resin (acrylic based) system, to be mixed on site. Different mixing ratios will produce compounds of different degrees of flexibility, suitable for different purposes.



### Product Data

Colour	Grey
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
Storage	- Store material in a clean dry area protected from high humidity, moisture, direct sunlight and extreme heat and cold. - Unopened packs can be stored for 12 months. - Use oldest material first.

### Technical Data

Description	Specifications	Unit	Values
Compressive strength	ASTM C109	N/mm <sup>2</sup>	38.59
Adhesion strength	ASTM C321	N/mm <sup>2</sup>	1.26
Water Permeability EN12390	CRD C48	bars	impermeable up to (+5)
Crack bridging	ASTM C1305	mm	0.5
Flexural Strength	ASTM C580	n/mm <sup>2</sup>	10
Theoretical Consumption Rate		kg/m <sup>2</sup> /2 layers thickness of 2mm (depends on surface )	2.5
Elongation at break	ASTM D415	%	19.4
Tensile strength	ASTM G412	N/mm <sup>2</sup>	3.39

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## PROPERTIES



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- Semi flexible
- Can be easily repaired
- Economical
- Weather resistant
- Good adhesion
- Non-toxic and Eco-Friendly
- Resistant to chloride ion diffusion

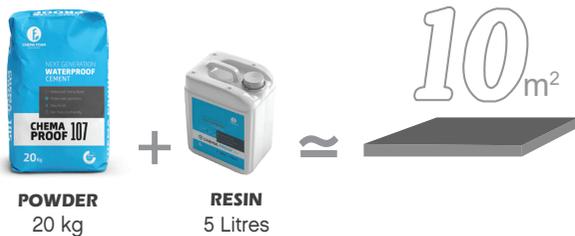
## AREA OF USE



### AREA OF USE

- Sewage treatment facilities including concrete tanks
- Waterproofing basement and cellars
- Swimming pools
- Balconies
- Roofs
- Walls

## Mixing Ratio



**POWDER**  
20 kg

**RESIN**  
5 Litres

10 m<sup>2</sup>

## INSTALLATION



01 Clean the surface

Mix with Resin

02

03

Apply the mixture

- The first coat should be full dry before applying the second layer
- Apply second coat at 1mm thickness in perpendicular direction to the first coat.

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