CHEMA FOAM

BUILD YOUR DREAM

CHEMA PROOF 109 ELASTIC

Chema proof 109 is supplied as a -2component, powder (cement based) and resin (acrylic based) system, to be mixed on site. Suitable for different purposes.



Product Data

Colour	Grey
Characteristics	Flexible
Packaging	20kg (5kg resin / 15kg powder)
Mixing Ratio	Resin : Powder 1 : 3
Density	Comp (A+B) 1.9 ± 0.1 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^2	> 40
Adhesion strength	ASTM C321	N/mm^2	> 1.2
Water Permeability(+ve)	EN123908	bar	impermeable more than (5)
Crack Bridging	ASTM C1305	mm	>1
Elongation at break	ASTM D412	%	60
Tensile strength	ASTM D412	N/mm2	4

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PROPERTIES



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- Flexible
- Permanent Waterproofing.
- Abrasion and Weather resistant.
- Vapour permeable.
- Excellent adhesion properties.
- High resistant to chloride ion diffusion.
- Ideal for coating small movement cracks
- Non-toxic, ideal for potable water reservoirs.
- Economical
- Can be easily repaired.

AREA OF USE



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- Roofs.
- Facades.
- Fountains and weirs.
- Water tanks which under hydraulic pressure.
- Swimming pools and patios.
- Sewage and seawater channels.
- Landscap
- Service pits.
- Walls
- Wet floors.
- Planters.

Mixing Ratio



POWDER
15 kg

RESIN
5 kg

INSTALLATION



- 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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