



CHEMA FOAM

BUILD YOUR DREAM

CHEMA PROOF 111 SUPER ELASTIC

CHEMA PROOF 111 is supplied 2 component, polymer modified high elastic waterproofing slurry.



Product Data

Colour	Grey
Characteristics	Super Elastic
Packaging	30kg (10kg resin / 20kg powder)
Mixing Ratio	Resin : Powder 2 : 1
Density	Comp (A+B) 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 ²	44.27
Adhesion strength	ASTM C321	N/mm ²	1.45
Water Permeability (+,-)	EN12390-8	bars	impermeable up to (+5)
Flexural Strength	ASTM C580	N/mm ²	>17
Crack Bridging	ASTM C1305	mm	1.5
Elongation at break	ASTM D412	%	%75.7
Theoretical Consumption Rate		kg/m ² /2 layers thickness of 2mm (depends on surface)	2
Tensile Strength	ASTM D412	N/mm ²	7.34

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PROPERTIES



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- Non-toxic and Super Elastic
- No added water required
- High weather resistance
- Excellent adhesion
- Easy to mix and apply

AREA OF USE



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- Waterproofing and protection of structures under hydraulic pressure, like water storage tanks, swimming pools, concrete pipes, bridge parapets.
- on concrete and old tiles substrates.
- Elastic coating of concrete surfaces.

Mixing Ratio



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.

OFFICE

Tel : (+202) 59 382 240 - 129 635 22
 Fax : (+202) 332 609 22
 11 Obour Buildings - Salah Salem
 Nasr City Cairo - Egypt.

FACTORY

Tel : (+20554) 501243
 Fax : (+20554) 501243
 10th of Ramadan
 B4 industrial zone

