



# CHEMA FOAM

BUILD YOUR DREAM

## CHEMA 101 ADHESIVE

Single-component Cementitious Tile Adhesive powder. ready to use only requires adding water.



### Product Data

Color	Grey/ white
Grade classification	C1TE according to EN12004
Packaging	20 kg
Shelf Life	Unopened packs can be stored for 12 months. Use oldest material first.
Storage	Store material in a clean dry area protected from high humidity, moisture, direct sunlight and extreme heat and cold.

### Technical Data ( at 25°C )

Description	Unit	Values
The density of the powder (mixed)	kg/l	1.8 ±0.02
Dry solids content	%	100
pH of mix		13
Application temperature	°C	+5 to +40
Initial tensile adhesion Strength test after 28 days (Regular condition).	N/mm <sup>2</sup>	0.67
Tensile adhesion Strength test after 20 days (water immersion).	N/mm <sup>2</sup>	0.64
Tensile adhesion Strength test after 14 days (heat ageing) at 70°C.	N/mm <sup>2</sup>	0.60
Vertical Slip	mm	<0.5
Open Time	Minutes	>30

Single-component Cementitious Tile Adhesive powder.

## AREAS TO USE



Vitreous tiles



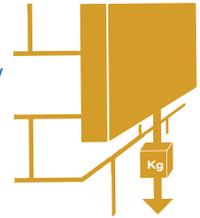
Mosaic tiles



Ceramic

## ADVANTAGES

- Easy to use and to apply
- Excellent mixing and workability
- High adhesion strength
- Long open time and pot life



## MIXING RATIO



Powder  
20 kg



Water  
3:3.5 Litres



3 : 6 m<sup>2</sup>



Coverd Area

## INSTALLATION



01

Clean the surface

Mix with water

02



03

Apply the mixture



### NOTES :

- Can be used internally on walls and floors.
- Use notched trowel apply a layer 3mm thick to the surface with the smooth side, Then Pull the layer with the notched edge.
- Coverage rate may very depending on the surface condition and the applying method.
- Do not apply chema adhesive 101 on metal surfaces.

### OFFICE

11Obour Buildings - Salah Salem  
Nasr City Cairo - Egypt.

### FACTORY

10th of Ramadan  
B4 industrial zone

