CHEMA FOAM
BUILD YOUR DREAM

CHEMA
SMART COAT



A high-performance cementitious putty, polymer-modified, easy to mix and apply, requiring only the addition of water. It is specifically designed for smoothing and leveling walls and ceilings over cement plaster prior to painting.

The product offers excellent adhesion to concrete and cementitious surfaces, along with superior workability, providing a smooth and uniform finish. It also features crack resistance and low shrinkage, ensuring long-term durability and stable performance in both interior and exterior applications.

Product Data:

Appearance	Gray or white cement powder.
Packaging	25 kg bags.
Storage	2 months in dry storage conditions, away from direct sunlight.

Technical Data (at 25 C°):

Description	Value	Unit
Density	1.5	Kg/liter
Operating time	30-40	minute
Specific Gravity (Paste)	1.85 ±0.05	Kg/liter
Adhesive strength	≥ 0.8	MPa
Compression resistance	≥ 10	MPa
Bending resistance	≥ 3	MPa

CHEMA SMART COAT

Designed to enhance the efficiency and durability of coating systems, featuring a high-quality smooth surface, excellent adhesion strength, crack resistance, and low shrinkage to ensure stable performance for both interior and exterior applications.

Uses:

- Surface preparation before painting systems
- Skim coating for plaster and concrete surfaces
- Repair of minor surface defects
- Suitable for residential, commercial, and industrial buildings

Advantages:

- High adhesion to concrete and plaster substrates
- Smooth and uniform surface finish
- Crack-resistant formulation
- Low shrinkage
- Breathable and vapor permeable
- Suitable for interior & exterior applications
- Easy to apply with excellent workability

Method of Application:

Surface Preparation:

- Ensure the surface is clean and free of dust, oil, grease, and any foreign objects.
- The substrates must be strong and have been water-treated for at least 3 days.

Mixing:



1

8-9 liters of water / 25 kg bag



2

Mix for 5 minutes



3

Spreading rate is 12-15 m^2 per 25 kg bag.

Application:

Mix the product with clean water until a homogeneous consistency suitable for application is achieved.

Apply the putty using a steel trowel. One 25 kg bag covers up to 15 m^2 at a thickness of 1 mm for a single coat. Actual consumption may vary depending on the substrate condition and surface evenness.

Factory
10th Of Ramadan, Industrial zone B4