



SMARTCRETE

SMART PUTTY

Smart Putty is composed of white cement, fine mineral fillers, binding chemicals, and high-performance additives. It is supplied as a dry powder in pre-weighed bags, ready to be mixed on site with clean water only, producing a smooth, uniform paste. Smart Putty is a high-quality product used as a thin priming layer to level minor surface undulations. It creates a smooth, even substrate ideal for paint or decorative coatings. A thin application layer of 1–3 mm is recommended.

USES

- Can be used to level minor surface undulations.
- Suitable for application in both dry and humid areas on walls and ceilings such as bathrooms and kitchens.
- Can be applied over smooth surfaces and gypsum boards.
- Can be applied on smooth, skim-coated surfaces and precast concrete.

ADVANTAGES

- *Pre-mixed in factories to ensure consistent high quality.
- *Suitable for both dry and humid conditions, with resistance to water and moisture.
- *Excellent adhesion properties on various surfaces.
- *Ideal for concrete walls and ceilings, as well as smoothly finished surfaces.
- *Provides a very smooth finish.

TECHNICAL PROPERTIES

Standard values at a temperature of 25°C	Value
Color	White Powder
Maximum Aggregate Size	0.15 mm
Recommended Thickness	1 – 3 mm
Wet Density (Kg/L)	1,5
Pot life	Appr2-3 Hrs
Adhesion Strength (N/mm ²) (EN 1015-11)	0.45
Deformation and Bending Criterion (MPa) (EN 1015-11)	< 6
Capillary Water Absorption (kg/m ² ·min ^{0.5}) (EN 1015-18)	< 0.4

STANDARD

SASO EN 998 -1 Class CS IV, W 1

PACKAGING AND COVERAGE

-Smart Putty is packed in 25Kgs bags.

-1.1kg/m² /1mm Approx.

("The stated consumption and quantities are provided as general guidelines only. Actual consumption depends on the substrate condition, application method, and material wastage.")

STORAGE

"Shelf life: 12 months in the original, unopened packaging, provided it is stored in a dry place at a temperature below 35°C, kept away from direct sunlight, and elevated off the ground."

HEALTH AND SAFETY

- Cement may cause skin or eye irritation.
- In case of contact with eyes or skin , rinse thoroughly with water.
- Wear gloves, eyes protection and dust mask during handling.



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INSTRUCTIONS FOR USE

SURFACE PREPARATION

- The substrate must be sound, clean, and free from dust, oils, grease, and any surface-treatment compounds.
- The surface should appear fully dampened with clean water at the start of application.

MIXING

When using a mechanical mixer, add 8.5–10 liters of water and a 25-kg bag of Smart Putty into a mixing container.

Mix the product with the water using an automatic plaster mixer or a slow-speed electric mixer fitted with an appropriate paddle until a smooth, lump-free paste is obtained.

Allow the mixture to rest for 10 minutes, then remix briefly without adding any extra water.

For manual mixing, prepare small quantities only, mixing until a uniform consistency is achieved according to the required amount.

The mixture must be used within 2 hours. Do not add water once the putty begins to set.

APPLICATION

- Generally, one or two coats of Smart Putty are recommended.
- Apply the water- and moisture-resistant Smart Putty by pressing it firmly onto the substrate.
- Use a flat trowel to achieve a smooth, even surface. Apply a second coat if necessary after the first coat has dried.

CLEANING

- Clean tools and equipment with water immediately after use.
- Hardened material may require mechanical removal.