

# SmartCote 62 Eco

## Base Skim Coat (White)

**SmartCote 62** is specially developed to patch up pin holes and uneven surfaces in walls and ceilings. It is normally used as a base coat together with the finish coat, **SmartCote 72** to achieve a much smoother surface finish. **SmartCote 62** is suitable for both internal and external application but is not to be applied on painted surface.



### BENEFITS

- Good bonding & workability
- Good durable
- Excellent finish
- Ease of use at site
- Consistent work quality
- Cost effective & saves time
- Reduce painting cost
- Water resistant

### TECHNICAL DATA (under laboratory conditions)

PROPERTY	TYPICAL RESULTS
Binder	White Cement
Filler	Calcium Carbonate Powder / Silica Sand
Additives	Water Soluble Polymers
Max. grain size	0.3 mm
Density	Dry 1480 kg/m <sup>3</sup> Wet 1600 kg/m <sup>3</sup>
Pot Life	1 hour
Drying Time	60 minutes
Recommended Thickness	2 - 3 mm/coat/application
Tensile Adhesion Strength (BS EN 1015-12: 2000) @ 28 days	≥ 0.5 N/mm <sup>2</sup>
Compressive Strength (BS EN 1015-11: 1999) @ 28 days	≥ 7 N/mm <sup>2</sup>
Water Retentivity (BS EN 4551: 2005 + A1: 2010)	≥ 95%
Linear Shrinkage (ASTM C531: 2000 (2005))	≤ 0.10%
Mix water by weight per bag	10 to 12 litres
Coverage per bag (approx.)	0.65 m <sup>2</sup> /kg/mm

### SURFACE PREPARATION

**SmartCote 62** can be applied to a wide variety of substrates such as:

- Concrete walls & ceilings
- Hollow / Lightweight concrete block walls
- Lightweight panels / Plastered surfaces

### MIXING

- Add a 40 kg bag of **SmartCote 62** to the recommended amount of clean water by weight or by volume. See table for recommended mixing ratio.
- Use an electrical mixer to stir for about 5 minutes to obtain a homogeneous paste of suitable consistency, the wet lump free mix is then ready for use immediately.

### PLACING

Apply the properly mixed **SmartCote 62** material following normal plastering trade and craftsman practices. See table for recommended thickness per coat.

A smooth finish can be obtained via the use of a smooth metal trowel. Spread the wet material evenly and adjust thickness with smooth strokes of trowel, over the surface. When the applied material has stiffened sufficiently, re-trowel with clean dry trowel for a final smooth finish.

A brush finish can also be obtained by lightly brushing the surface when applied surface has stiffened sufficiently.

### PRECAUTIONS

- Avoid eye and skin contact as the product is alkaline.
- Gloves, goggles and dust mask should be worn.
- Avoid inhalation of dust during mixing.
- Wash thoroughly after handling.
- In case eye contact, flush with plenty of clean water. Seek medical help immediately.

### PACKAGING & STORAGE

**SmartCote 62** is supplied in 40 kg bags and has a shelf life of 12 months if stored in a cool and dry place in sealed packaging with sheltered protection from rain and sunlight.

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