

# SmartCote 61 Eco

## Base Skim Coat (Grey)

**SmartCote 61** 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 50** to achieve a much smoother surface finish. **SmartCote 61** is suitable for both internal and external application but is not to be applied on painted surfaces.



### BENEFITS

- Good bonding & workability
- Excellent durability & 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	Portland 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 @ 28 days (BS EN 1015 - 12 : 2000)	≥ 0.5 N/mm <sup>2</sup>
Compressive Strength @ 28 days (BS EN 1015 - 11 : 1999)	≥ 7.5 N/mm <sup>2</sup>
Water Retentivity (BS 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 61** 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 **SmartCote 61** 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 61** 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 of eye contact, flush with plenty of water. Seek medical help immediately.

### PACKAGING & STORAGE

**SmartCote 61** is supplied in 40 kg bags and has a shelf life of 12 months if stored in a cool and dry place in sealed packing with sheltered protection from rain and sunlight.

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