



## SmartCote 72

### Finish Skim Coat (White)

**SmartCote 72** is a polymer-modified white cement based skim coat specially designed to be used on plastered and concrete surfaces. The polymer additives in **SmartCote 72** provide excellent workability, improves bonding strength and gives smooth finishing to walls and ceilings. **SmartCote 72** is suitable for both internal and external application but is not to be applied on painted surfaces.

### FIELDS OF APPLICATION

- Ideal for skimming onto substrates like lightweight panel or block
- Provides good workability for both vertical and overhead surface

### BENEFITS

- High bonding strength
- Consistent quality
- Excellent durability
- Excellent workability
- Cost and time effective
- Reduces painting cost
- Water resistant

### TECHNICAL DATA

PROPERTY	TYPICAL RESULTS	
Binder	White Cement	
Filler	Calcium Carbonate Powder	
Additives	Water Soluble Polymers	
Density	Dry	1480 kg/m <sup>3</sup>
	Wet	1600 kg/m <sup>3</sup>
Max. Grain Size	0.09 mm	
Pot Life	1 hour	
Drying Time	60 minutes	
Recommended Thickness	1 - 2 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)	≥ 6 N/mm <sup>2</sup>	
Water Retentivity (BS EN 4551: 2005 + A1: 2010)	≥ 95%	
Linear Shrinkage (ASTM C531: 2000 (2005))	≤ 0.1%	
Mix Water by weight per bag	6 - 7.5 litres	
Coverage per bag	- 0.75 m <sup>2</sup> /kg/mm thickness	

• All the data shown are based on controlled laboratory test (T=27±2°C and RH=60%)

### SURFACE PREPARATION

- Surfaces to receive **SmartCote 72** must be free of oil, grease, scale, dust, etc. Clean and remove contaminants prior to application of **SmartCote 72**.
- For high absorbing substrates or extremely dry surfaces, it is recommended to moisten the surfaces before the application of **SmartCote 72**.
- For uneven surfaces with a depth difference of more than 5 mm, it is recommended to use the base coat (**SmartCote 62**) to patch and level the surfaces prior to application of **SmartCote 72**.

## **MIXING**

- Add **SmartCote 72** to about 6 - 7.5 litres of clean water.
- Use an electrical mixer to mix for approximately 3 - 5 minutes to obtain a homogeneous paste with suitable consistency.
- Remix the paste again to achieve a suitable consistency if left unused for more than 30 minutes.

## **PLACING**

- Apply **SmartCote 72** with a steel trowel.
- It is recommended to apply **SmartCote 72** in a single layer (about 2 mm thick). However, if the surfaces require more than 1 layer of application or to build up thickness, the underneath layers must be dried before applying the subsequent layers.

## **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 clean water. Seek medical help immediately.

## **PACKAGING & STORAGE**

**SmartCote 72** is supplied in 25 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.

### **DISCLAIMER**

All information was prepared carefully, using current references available to us. Information provided is to the best of our knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself/herself as to the suitability and completeness of information provided here for their intended use. We do not accept liability for any loss or damage that may occur from the use of this information.