



Thick Render

Cement-based and coarse premixed plaster for plastering of brickworks, blockworks and concrete walls, patching and other general uses

PRODUCT

THICK RENDER is a high quality premixed plaster for plastering on brickworks, lightweight concrete blockworks and concrete surfaces. It is a cement-based and water resistant plaster which can be used in interior and exterior conditions. It is specially formulated for the replacement of conventional site-mixed cement/sand plaster as well as gypsum plaster. THICK RENDER can also be used for patching concrete as well as a masonry joint mortar for bed thickness of 8 - 15 mm. THICK RENDER surfaces can receive tiling works. THICK RENDER should not be used on painted surfaces.

TECHNICAL DATA AND PHYSICAL PROPERTIES

Colour	Grey
Binder	Ordinary Portland Cement
Filler	Graded sand (BS 1199)
Additives	Water soluble additives to improve workability, water retention, durability and adhesion strength.
Density	1.8 kg/litre (dry); 1.9 kg/litre (wet)
Adhesion to concrete	$\geq 0.75 \text{ N/mm}^2$ *
Coat thickness	10 - 25 mm
Consumption	Approx. 1.7 kg/m ² /mm thick
Water demand	Approx. 15% or 6 litres/40 kg bag
Pot life	1 hour

* Tested in SETSCO.

PROCEDURE

Ensure substrate is clean and sound. Remove loose particles, grease and traces of foreign materials that may affect adhesion. Where necessary, especially on hot and high absorbent substrates, dampen surface before application of the plaster.

Mix product with the required amount of clean water. Mix thoroughly with a mechanical mixer until mixture is homogeneous. Application is done manually with steel trowel.

On smooth concrete substrates, it is recommended that a spatterdash coat be applied to the receiving substrate to provide better keys for a thicker plaster layer application. No further addition of water is allowed to unused plaster that has exceeded its pot life or has begun to set.

For thicker applications with several layers, the layer underneath must be hardened and dry before applying the subsequent layer. For smooth final finish, use E•MIX thin plasters.

The wear resistance and adhesion of THICK RENDER can be further enhanced by the addition of diluted RENDER ADMIX.

STORAGE AND PACKING

THICK RENDER is delivered in 40 kg bags. Storage life is 6 months if product is kept in sheltered and dry place.

*Note: Because it is not possible to give specific instructions for the various site conditions or to control the applications, the information on this Technical Data Sheet is for general guidance only. Eastern Pretech Pte Ltd reserves the rights to amend the contents of the data sheet at its sole discretion.

(Feb '11)