



Polymer Modified Mortar

Two components pre-packed polymer modified cementitious mortar for plastering of brickworks, blockworks and concrete substrates, patching, repair and other general uses

PRODUCT

POLYMER MODIFIED MORTAR is a high quality mortar for plastering, patching or repairing of brickworks, blockworks and concrete works. It is latex / cement-based, water resistant and can be used in interior and exterior conditions.

POLYMER MODIFIED MORTAR is a specially formulated two components system whereby Part A (Powder) is mixed with Part B (Liquid) with no further need of water addition. It can also be used for repair of horizontal spalling concrete.

TECHNICAL DATA AND PHYSICAL PROPERTIES

Part A (Powder)	Grey
Part B (Liquid)	SBR Latex, Milky White
Mixing ratio	Part A (25 kg): Part B (4 litres)
Mixed Colour	Grey
Binder	Ordinary Portland Cement / SBR Latex
Filler	Graded sand (BS 1199)
Additives	Water soluble additive to improve workability, water retention, durability and adhesion strength.
Density	2.0 kg/litre (dry), 2.1 kg/litre (wet)
Coat thickness	10 - 25 mm
Consumption	Approx. 1.8 kg/m ² /mm thick
Pot life	1 hour
Compressive strength	46.0 N/mm ² *
Pull off adhesion	1.8 N/mm ² *(Before weathering) 1.7 N/mm ² *(After weathering)
Shrinkage	0.05%*

* Tested in SETSCO.

PROCEDURE

Ensure substrate is clean and sound. Remove loose particles, grease and traces of foreign materials that may affect adhesion. On extremely hot and absorbent substrate, the surface should be moistened. Prepare the mortar by mixing Part A slowly into Part B. Mix thoroughly using a mechanical mixer until mixture is homogeneous. Do not add any water or other components.

Apply POLYMER MODIFIED MORTAR using a steel trowel to the required thickness. For repairs, which may require a few layers of applications, it is important to ensure that the previous layer has hardened before the next layer is applied.

STORAGE AND PACKING

POLYMER MODIFIED MORTAR is delivered in 25 kg bags (Part A : Powder) and 20 litres cans (Part B : Liquid). Storage life for Part A & B is 6 months if products are stored 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.

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