

## Multi-purpose Mortar

**ST-MP**

Premixed multi-purpose mortar for rendering, plastering, screeding, brick laying purposes in both interior and exterior environments.



### PRODUCT DESCRIPTION

ST-MP is a specially formulated cement-based high polymer multi-purpose mortar for nearly all general plastering work application. It is specially designed to replace the conventional types of cement sand mortars. Various compressive strength can be achieved subject to order requirement. Surface of ST-MP can receive tiles by using Score Tech tile adhesive/tile grout products or receive paint finishing after applying Score Tech Super Finish products. ST-MP can also be used for straight edge levelling & angle forming. ST-MP is classified as the "General Purpose Mortar"(GP) and Reaction to Fire Class A1 in BS EN 998-2:2003.

### SUBSTRATE PREPARATION

The substrate must be sound, even, clean and free of loose particles, grease and any other unwanted contaminants. The substrate surface should be treated with spatterdash forming a mechanical key for the plaster.

The substrate surface shall be moistened overnight and at the time before application. No stagnant or apparent water is allowed on the substrate surface before application.

### FEATURES & BENEFITS

- ◆ Premixed in factory
- ◆ Cost effective
- ◆ Single component, easy to use
- ◆ Strong adhesion to substrate
- ◆ High water retentivity
- ◆ Suitable for tiling by using Score Tech Tile Adhesive & Grout series products

### AREAS OF APPLICATION

- ◆ Render/plaster on interior and exterior walls
- ◆ Floor Screed
- ◆ Brick laying

## MIXING & INSTALLATION

1. Mix ST-MP with the recommended water quantif.
2. Apply the well-mixed ST-MP onto the substrate by hand trowel layer by layer up to the required thickness.
3. Level up the applied ST-MP to the required overall thickness for alignment by straight edge.
4. Please refer to the method statement provided by Score Tech for details.

## CURING

Under normal circumstances, natural air curing is proved adequate for ST-MP. However, water mist curing is beneficial to ensure the best performance of ST-MP under dry or windy condition.

## PACKAGE

40 kg bag

## SHELF LIFE

ST-MP has a shelf life of 12 months if well kept in dry condition on lifted floor.

## HEALTH & SAFETY

Wear NIOSH approved face mask or equivalent personal protective equipment when handling the material. ST-MP contains cement which may cause an allergic effect or irritation to eyes and skin. When contact with eyes, flush immediately with large quantity of water.

## REFERENCE STANDARDS

- ◆ European Standard: EN 1015
- ◆ British Standard: BS 5262; BS 5492; BS 5385; BS 5838; BS 8481; BS EN 998-1; BS EN 13914-1; BS EN 13914-2; PD CEN/TR 15123

## PRODUCT INFORMATION

ρ Colour	Grey
ρ Maximum Grain Size	3.5 mm
ρ Density	Dry : ~1750 ± 150 kg/m <sup>3</sup> Wet : ~1850 ± 150 kg/m <sup>3</sup>
ρ Coat Thickness	8 - 25 mm per layer
ρ Coverage	~ 1.6 kg/m <sup>2</sup> /mm
ρ Water Demand	~ 5.5 - 6.5 L/40 kg bag
ρ Pot Life	~ 2 hours

## PRODUCT PERFORMANCE

ρ Compressive Strength at 28 days	EN1015-11	≥ 6 N/mm <sup>2</sup>
ρ Flexural Strength at 28 days	EN1015-11	≥ 3 N/mm <sup>2</sup>
ρ Adhesion to Concrete at 28 days	EN1015-12	≥ 0.5 N/mm <sup>2</sup>
ρ Water Retentivity	BS 4551	≥ 96%

\* Note: The test standards for the product performance stated above refer to laboratory test only.

## DISCLAIMER

Note: As the application condition may vary from site to site and may not be identical to the same condition under which the parameters in the brochure are drawn, the information provided on this Technical Data Sheet is for general guidance only. Warranty will not be given to the ultimate performance and application results of this material when the material is not kept, mixed, applied or cured strictly in accordance with the requirements and/or instructions listed out in this brochure or in other supplementary document.

**SCORETECH**  
MASTERING TECHNOLOGY AND PRACTICALITY

Tel: 852-2165 0900  
Fax: 852-2590 0511  
Email: enquiry@scoretech.com.hk  
Website: www.scoretech.com.hk

MP-E-APR2023.01