

## Supreme Waterproofing Mortar

**ST-SWP**

Polymerized premixed Supreme waterproof mortar for rendering, plastering, screeding, brick laying and minor repair work purpose in both interior and exterior environments with outstanding waterproof effect.



### PRODUCT DESCRIPTION

ST-SWP is a polymerized cement-based waterproof mortar for most general plastering applications with outstanding waterproof effect. It can be applied by either machine spray or hand trowel. Surface of ST-SWP can receive tiles or receive paint finishing. ST-SWP 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
- ◆ Machine spray or hand trowel
- ◆ Both interior & exterior applications
- ◆ Cost effective
- ◆ Single component, easy to use
- ◆ Strong adhesion to substrate
- ◆ Reduce shrinkage cracks
- ◆ High water retentivity
- ◆ Suitable for tiling by Score Tech Tile Adhesive & Grout series products
- ◆ Can be polished to receive Score Tech Super Finish series products to receive paint

### AREAS OF APPLICATION

- ◆ Waterproof render/plaster on interior & exterior walls
- ◆ Waterproof render for toilets walls and slabs
- ◆ Waterproof render for kitchens walls and slabs

## MIXING & INSTALLATION

1. Mix ST-SWP with the recommended water amount of 6–8 L/40 kg bag (depending on the application method)
2. Apply the well-mixed ST-SWP by hand or spraying machine to required thickness in layer(s).
3. Level up the applied ST-SWP 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-SWP. However, water mist curing is beneficial to ensure the best performance of ST-SWP under extremely dry or windy condition.

## PACKAGE

40 kg bag

## SHELF LIFE

ST-SWP 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-SWP 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: BS EN 1015
- ◆ British Standard: BS 5262; BS 5492; BS 5385; BS 5838; BS 6319
- ◆ Hong Kong Standard: HKHA MTS Spec. Part D

## TECHNICAL DATA

∅ Colour	Grey
∅ Maximum Grain Size	≤ 4 mm
∅ Density	Dry : 1500 – 1600 kg/m <sup>3</sup> Wet : 1750 – 1800 kg/m <sup>3</sup>
∅ Compressive Strength	≥ 10 N/mm <sup>2</sup>
∅ Flexural Strength	≥ 3 N/mm <sup>2</sup>
∅ Bond Strength	≥ 0.5 N/mm <sup>2</sup>
∅ Adhesion Strength to Substrate (Concrete)	≥ 0.5 N/mm <sup>2</sup>
∅ Coat Thickness	5 - 25 mm per layer
∅ Coverage	~ 1.55 kg/m <sup>2</sup> /mm thick
∅ Water Demand	~ 6 - 8 L/40 kg bag
∅ Pot Life	~ 1 - 2 hours

## 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.

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