



MASTERING TECHNOLOGY AND PRACTICALITY

an ARDEXGROUP Brand

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# ST-MP

## Multi-Purpose Mortar

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**Premixed in factory**

**Cost effective**

**Single component, easy to use**

**Suitable for sunken areas filling work**

**Strong adhesion to substrate**

**High water retentivity**

**Suitable for tiling over with Ardex or Score Tech Tile  
Adhesive & Tile Grout series products**



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**ARDEX SCORETECH LIMITED**  
Unit 01, 18-20, 11/F, Tower B,  
New Mandarin Plaza,  
No 14 Science Museum Road,  
Tsim Sha Tsui, Kowloon, HK  
Tel : 852-2165 0900  
Fax : 852-2590 0511  
Email : [enquiry@ardexscoretech.com](mailto:enquiry@ardexscoretech.com)

# ST-MP

## Multi-Purpose Mortar

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### 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. Surface of ST-MP can receive tiles by using Ardex or Score Tech tile adhesive/tile grout products. ST-MP is classified as the “General Purpose Mortar” (GP) and Reaction to Fire Class A1 in BS EN 998-2:2003.

### AREAS OF APPLICATION

- Suitable for sunken areas filling work
- Render/plaster on interior and exterior walls
- Floor Screed
- Brick laying
- Consult Ardex Scoretech staff for other applications

### SUBSTRATE PREPARATION

The substrate must be sound, even, clean and free from loose particles, grease and any other contaminants. The substrate surface should be pre-treated with spatterdash forming a mechanical key for plastering/rendering. 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.

### INSTALLATION

1. Mix ST-MP with the recommended water quantity by using mechanical mixer (e.g. electric hand drill mixer) until a lump-free homogeneous concrete is obtained.
2. Apply the well-mixed ST-MP by hand trowel to achieve the required thickness in layer(s).
3. Level up the applied ST-MP to the required overall thickness for alignment by straight edge.
4. Please refer to the method statement for details.

### CURING

Natural air curing is normally adequate for ST-MP. Under exterior environment or unfavourable conditions, water curing is recommended to ensure ST-MP achieves the best performance.

### 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

A qualified mask or equivalent personal protective equipment must be worn when handling this product. This product is non-toxic and does not contain harmful substances but may cause allergies or irritation to eyes and skin. If it accidentally comes into contact with eyes, rinse immediately with plenty of water and seek for medication.

### REFERENCE STANDARDS

- European Standard (ES)  
EN 1015
- British Standard (BS)  
BS 5262; BS 5492; BS 5385;  
BS 5838; BS 6319; BS 1881;  
BS 8481; BS EN 998-1;  
BS EN 13914-1; BS EN13914-2;  
PD CEN/TR 15123

# ST-MP

## Multi-Purpose Mortar

### PRODUCT INFORMATION

Colour	Grey
Maximum Grain Size	3.5 mm
Density	Dry: $\sim 1750 \pm 150 \text{ kg/m}^3$ Wet: $\sim 1850 \pm 150 \text{ kg/m}^3$
Coat Thickness	8 –25 mm for each coat
Coverage	$\sim 1.6 \text{ kg/m}^2/\text{mm}$
Water Demand	$\sim 5.5 -6.5 \text{ L / 40kg bag}$
Pot Life	$\sim 2 \text{ hours}$

### PRODUCT PERFORMANCE

Performance	Test Standard	Result
Compressive Strength at 28 days	EN 1015-11	$\geq 6 \text{ N/mm}^2$
Flexural Strength at 28 days	EN 1015-11	$\geq 3 \text{ N/mm}^2$
Adhesion to Concrete at 28 days	EN 1015-12	$\geq 0.5 \text{ N/mm}^2$
Water Retentivity	BS 4551	$\geq 96\%$

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

### DISCLAIMER

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 in 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 any other supplementary document.