

Patch-Up Mortar - Floor

ST-PM(NS)-F

Polymer modified thin bed patching up mortar with excellent adhesion to concrete substrate and abrasion resistance specially designed for touching up uneven floor surfaces in both interior and exterior condition.



PRODUCT DESCRIPTION

ST-PM(NS)-F is a cement-based patching up mortar specially formulated for touching up uneven floor surfaces with outstanding finishing effect. Surface finishing of ST-PM(NS)-F can be trowelled to textured or smooth surface with wooden float or steel trowel for receiving tile and paint finishes respectively. ST-PM(NS)-F is supplied in powder form and needs only mixing water for application.

SUBSTRATE PREPARATION

The substrate must be sound, even, well-aligned, clean and free of loose particles, grease and any other unwanted contaminants. The substrate surface shall be moistened before application. No stagnant or apparent water is allowed on the substrate surface before application.

FEATURES & BENEFITS

- ◆ Premixed in factory
- ◆ Outstanding water retentivity
- ◆ Excellent finishing surface
- ◆ Anti-cracking
- ◆ Single component, easy to use
- ◆ Strong adhesion to substrate
- ◆ Excellent abrasion resistance

AREAS OF APPLICATION

- ◆ Level up uneven floor surfaces
- ◆ Make good fair-faced concrete surfaces at both exterior and interior areas

MIXING & INSTALLATION

1. Mix ST-PM(NS) dry powder with recommended quantity of water by mechanical mixer, auger type preferred.
2. Put water into a container followed by adding dry powder to the water while keep mixing with the mixer. Mix for about 3 – 7 minutes until a lump-free homogeneous mixture with suitable consistency is obtained.
3. Apply the well-mixed ST-PM(NS)-F onto the floor substrate by hand trowel layer by layer up to the required thickness and alignment. Touch up the surface with steel trowel or wooden float to the required finishing texture.

CURING

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

PACKAGE

40 kg bag

SHELF LIFE

ST-PM(NS)-F 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-PM(NS)-F 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 4551
- ◆ Hong Kong Standard: HKHA FIN 7. M790

PRODUCT INFORMATION

Colour	Grey / White
Maximum Grain Size	0.5 mm
Coat Thickness	~ 2 - 6 mm per layer
Pot Life	~ 2 hours
Coverage	~ 1.3 kg/m ² /mm
Water Demand	~ 12 - 13.3L / 40kg

PRODUCT PERFORMANCE

Tensile Adhesion Strength - Initial - After Water Immersion - After Heat Ageing - After Freeze-Thaw Cycles	EN 1015 -12 & HKHA FIN7 M790	≥ 1.0 N/mm ² ≥ 0.7 N/mm ² ≥ 0.7 N/mm ² ≥ 0.7 N/mm ²
Water Retentivity	BS 4551	≥ 99%
pH Value	In-House Method	≤ 10

* 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

PM(NS)-F-E-FEB2023.01