



MASTERING TECHNOLOGY AND PRACTICALITY

an ARDEXGROUP Brand

ST-PM(NS)

Patch-Up Mortar

Suitable for both machine spray or hand trowel

Single component, easy to use

Strong adhesion to substrate

Outstanding water retentivity

Excellent finishing surface

Anti-cracking



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ST-PM(NS)

Patch-up Mortar

PRODUCT DESCRIPTION

ST-PM(NS) is a cement-based thin bed patching up mortar specially formulated for levelling up step joints at concrete walls and ceilings as well as skim coat applications with outstanding finishing effects. Surface finishing of ST-PM(NS) can be trowelled to textured or smooth surface with steel trowel for receiving paint or wallpaper respectively.

AREAS OF APPLICATION

- Level up step joints at concrete walls and ceilings
- Make good fair-faced concrete surfaces
- Normal skimming for receiving paint in both exterior and interior condition

SUBSTRATE PREPARATION

The substrate must be sound, even, clean and free from loose particles, grease and any other contaminants. 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-PM(NS) with recommended quantity of water by mechanical mixer, auger type preferred until required consistency is achieved.
2. Apply the well-mixed ST-PM(NS) onto the substrate by hand trowel layer by layer up to the required thickness and alignment. When ST-PM(NS) is used for levelling up step joints, primer can be applied on both rims of ST-PM(NS) along the aligned step joint where the thickness of ST-PM(NS) is at minimum so as to avoid chalky surface at these locations.
3. Please refer to the method statement provided by Ardex Scoretech for details.

CURING

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

PACKAGE

40 kg bag

SHELF LIFE

ST-PM(NS) 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 (EN)
BS 1015
- British Standard (BS)
BS 4551
- Hong Kong Standard (HKS)
HKHA FIN7. M790

ST-PM(NS)

Patch-up Mortar

PRODUCT INFORMATION

Colour	Grey / White
Maximum Grain Size	0.1 mm
Coat Thickness	~ 1 - 3 mm per layer
Pot Life	~ 2 hours
Coverage	~ 1.2 kg/m ² /mm
Water Demand	~ 12.7 - 14.7L / 40kg for hand trowel ~ 16.4 - 18L / 40kg for airless spray

PRODUCT PERFORMANCE

Performance	Test Standard	Result
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

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.