



LATASCREED PM-20

LATASCREED PM-20 ready to use screeding mix, blend of carefully selected raw materials, Portland cement, polymer and graded fillers. When mixed with water produces quality screed with controlled shrinkage and improved mechanical strength for early installation. The screed follows the code of practice of BS 8204-1:2003 and EN 13813:2002.



FEATURES/BENEFITS

- Shock & impact resistant
- Water retaining & self-curing
- Improved mechanical strength
- Easy to use
- Fast & Economical

USES

- For interior and exterior floor bonded and unbonded screeds.
- Formation of screeds onto which ceramic tiles can be laid after 24 hours and natural stone after 2 days.
- Patching and repairing floor screeds were rapid restoration is required.

MANUFACTURER

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STANDARDS

- BS 8204-1:2003 and EN 13813:2002.

Packaging: 50 kg bag; 30 bags per pallet

Color: Grey

Suitable Substrates

- Concrete
- Cement Mortar Beds
- Cement Terrazzo

Approximate Coverage: 2.0 kg per mm per m²

**Coverage figures can vary depending on substrate.*

PM-20 require approx. 4.25 – 4.75 Ltrs. of water / 50 kg powder for an ideal mix. Adjust the water content depending on the site conditions.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year* if stored off the ground in a dry area at 25 – 35°C and 50 – 55 % relative humidity.

** High humidity will reduce the shelf life of bagged product.*

Limitations

- Use LATAPOXY® 300 Epoxy Adhesive for installing green marble or water sensitive natural stone and agglomerates.
- Adhesives/mastics, mortars and grouts for ceramic tile, pavers, brick, and stone are not replacements for waterproof membranes. When a waterproof membrane is required, use a LATICRETE® Hydro ban® / 9237 Waterproof Membrane.

NOTE TO THE SPECIFIER AND INSTALLER:

- While installing tile/stone on the external walls and floors, we need to provide the movement joints by creating spaces between the tiles/stones and filling them up with LATICRETE cement-based grout mixed with L1776 grout admix plus or silicone sealants.
- It is also important to note that the exterior tile / stone installations are provided with joints (spaces) on the periphery of the area without allowing the tile / stone to be bound by the peripheral masonry work or plaster.
- It is also important to note that the tiles/stones are not installed directly on expansion joints. The expansion joints need to be run through the tile / stonework till top surface and filled with materials which accommodate the movements.

Cautions

- Consult MSDS for more safety information.
- During cold weather, protect finished work from traffic until fully cured.
- Contains Portland cement and silica sand.
- May irritate eyes and skin. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush thoroughly with water.
- Do not take internally. Avoid breathing dust. Wear a respirator in dusty areas.
- Keep out of reach of children.

TECHNICAL DATA

LATASCREED PM-20 Mixed with 4.5 Ltr water

Maximum aggregate size	5 mm
Compressive strength 28 days, EN 13892-2	20 - 25 MPa
Flexural Strength 28 days, EN 13892-2	5 - 7 MPa

Working Properties

LATASCREED PM-20 mixed with 4.5 Ltr water

Pot life @ 25 °C	Approx 1 hour
Time to Foot Traffic	Approx 24 hours
Time to Heavy Traffic	72 hours
Wet Density	2.30 ± 0.1 g/cm ³

Specifications subject to change without notification

Results shown are typical but reflect test procedures conducted in laboratory conditions.

Actual field performance will depend on installation methods and site conditions.

INSTALLATION

Surface Preparation

All surfaces should be structurally sound, clean, and free of all dirt, oil, grease, loose peeling paint, concrete sealers or curing compounds. Dry, dusty concrete slabs or masonry should be dampened, and excess water swept off. Installation may be made on a damp surface. All slabs must be plumb and true to within 1/4" (6mm) in 10ft (3m).

Follow the standard rules of creating the movement joints for Adhered screeds, Floating screeds, and the thicknesses of respective screeds as per the international standards. For better performance of screeds, it is also recommended to use wire mesh as specified by the engineer at site.

Expansion joints shall be provided through the tile work from all construction or expansion joints in the substrate. Follow ANSI Specification AN-3.8 "Requirements for Expansion Joints" or TCA Detail EJ171 "Expansion Joints". Do not cover expansion joints with mortar. Glass Mesh Mortar Unit: follow TCA installation detail W244, in temperatures over 95°F (35°C).

Tiling by Wet – On – Wet method:

For placing tiles apply, slurry bond coat made from either 254 Platinum, or 4237 Latex additives mixed with 211 powders, over the green Screed bed & install tiles. The tiles shall be placed & beaten in the screed while the slurry bond coat is wet and sticky.

Application of Screed

While the slurry bond coat is in wet and tacky condition, place the screed prepared by mixing LATASCREED PM-20 with Water. Spread the screed material on floor surface and make the surface levelled by tapping and flattening with a straight edge, even taking enough care to check the required levels of floor and compact well.

Tiling by Thin set Adhesive Method:

Leave the compacted screed for a period of 3 days for air curing covered with plastic sheet for hydration process.

For exterior and during hot climate condition curing with water is recommended upto 2- 3 times for 3 days or by placing wet hessian.

Install tiles using a suitable thin set adhesive.

Grouting of tile joints can commence after 48 hours from the completion of tiling.

Cleaning

Clean tools and tile work with water while mortar is fresh.

AVAILABILITY AND COST**Availability**

LATICRETE® materials are available worldwide.

For distributor information,

please contact us by email at: enquiry@laticrete.me

or, visit www.laticrete.me

WARRANTY

The supplier warrants this product is free from manufacturing defects and will not break down, deteriorate, or disintegrate under normal usage for a period of one (1) year from manufacturing of the product subject to the terms and conditions stated in LATICRETE Product Warranty. Please consult our technical support for further information

MAINTENANCE

LATICRETE and LATAPOXY grouts require routine cleaning with neutral pH soap and water or LATICRETE suitable cleaners. All other LATICRETE and LATAPOXY materials require no maintenance, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers

TECHNICAL SERVICES**Technical assistance**

For information contact us by email at:

enquiry@laticrete.me

Technical and safety literature

To obtain technical and safety literature, please visit our website at: www.laticrete.me

Warning: The information and the instructions in the data sheet, although based on knowledge gained through years of applications, are indicative. LATICRETE® is unable to directly control the installation conditions and modalities of application of products, do not assume any liability arising from their implementation. Those who want to use the LATICRETE® products must conduct adequate tests to determine the site specifications. The results shown are typical but reflect test procedures used. Actual field performance will depend on installation method and site conditions.