


MYK LATICRETE

LATASCREED® 100

Floor underlayment concentrate



Features / Benefits

- High strength
- Shock & impact resistant
- Water retaining & self curing
- Non-Shrink
- Easy to use
- Complies with EN 13813 under CT-C25F3B1.5 classification.

Application

Designed especially for interior and exterior floor screeds/underlays. Can also be used to make plasters of various grades on site using locally available aggregates.



Polymer modified engineered cement concentrate for making high strength floor leveling beds and plasters which are self-curing intended for interior and exterior underlays.

Substrates

- Concrete
- Cement mortar beds
- Cement Terrazo

Certifications

EN13813

Member of
Indian Green Building Council



TECHNICAL DATA

Performance Properties:

LATASCREED® 100, when mixed with aggregates in the ratio of 1:4 by volume and water.

Applicable Standards: EN 13813

EN Data		
PROPERTY – TEST METHOD	STANDARD REQUIREMENTS	TYPICAL VALUES
Compressive Strength - EN 13892-2	25 N/mm ²	25 – 30 N/mm ²
Flexural Strength - EN 13892-2	3 N/mm ²	3 – 5 N/mm ²
Bond Strength- EN 13892-8	1.50 N/mm ²	1.00 – 1.50 N/mm ²

This Product conforms to the requirements of EN 13813, Designation CT-C25F3B1.5

Packaging: 25 kg bags

Colour: Grey

Coverage: For 25 mm thickness: By Volume:

Ratio by Volume	LATASCREED 100 in Kg	Aggregates in Kg - Approx	Coverage in Sft - Approx
1:3	25 kg	100 Kg	30 Sft
1:4	25 kg	125 Kg	36 Sft
1:5	25 kg	1 50 Kg	43 Sft
1:6	25 kg	190 Kg	50 Sft

NOTES:

The grain size matrix must be uniformly distributed up to a size of 8mm.

Aggregates distribution shall be according to: IS 383:2016 (clause 3.1, 3.2 or 3.3)

Aggregates shall be free from deleterious materials such as Clay, Fine Silt, Fine Dust [i.e., Particles of Size <75micron shall be avoided]

Adjust the water content depending on the site conditions.

Refer MYK LATICRETE Underlay Volumetric calculator for coverage with different thickness and volume ratios other than mentioned in the above table.

Working Properties at 70° F (21° C)

PROPERTY	TYPICAL VALUES
Dry powder density	1000 – 1100 kg/m ³
Pot Life	4 Hours
Time for Foot Traffic	≥ 24 Hours
Time for Heavy Traffic	≥ 72 Hours

Specifications subject to change without notification.

The results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

INSTALLATION

Surface Preparation:

All surfaces should be between 4°C and 40°C and 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 ¼" (6mm) in 10 ft (3m).

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

Expansion joints shall be provided through the screed and 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).

Priming for Adhered screed:

Mix LATASCREED® 100 with 50% water by weight and make lump free slurry. Apply an even thickness of the slurry to the cleaned substrate using a brush or roller to ensure the primer is absorbed into the substrate. Each 25 kg bag of LATASCREED® 100 will cover 25 Sq. Mtrs. approximately.

Application:

While the slurry bond coat is in wet and tacky condition, place the screed prepared by mixing LATASCREED® 100 with aggregates and water. Spread the screed material on floor surface and make the surface even by taking enough care to check the required level of the floor and compact well.

Tiling by the adhesive method:

Floors:

Leave the compacted screed for a period of 3 days for air curing and install tiles using a suitable adhesive. Grouting of tile joints can commence after 48 hours from the completion of tiling.

Walls:

Leave the finished plaster for a period of 28 days for air curing and install tiles using a suitable adhesive. Grouting of tile joints can commence after 48 hours from the completion of tiling.

Shelf Life:

Factory sealed containers of this product are guaranteed to be of first quality for (1) year * If stored off the ground in a dry area

. *High humidity will reduce the shelf life of

bagged product

Customer Care

MYK LATICRETE India Pvt Ltd.

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