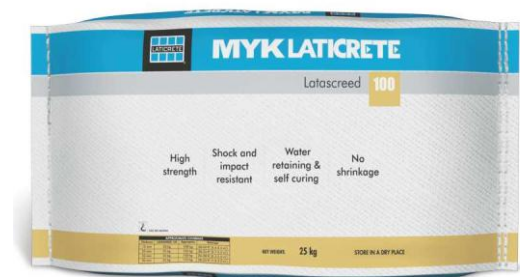




**MYK LATICRETE**

## 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-C25F3B1.5SH40 classification.

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

### Substrates

- Concrete
- Cement mortar beds
- Cement Terrazo

### Application

Designed especially for interior and exterior floor screeds/underlays.

### Certifications

Member of  
**Indian Green Building Council**



**EN13813**

## TECHNICAL DATA

### Performance Properties:

LATASCREED® 100, when mixed with fine 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 <sup>2</sup>   | 25 – 30 N/mm <sup>2</sup>     |
| Flexural Strength - EN 13892-2    | 3 N/mm <sup>2</sup>    | 3 – 5 N/mm <sup>2</sup>       |
| Bond Strength- EN 13892-8         | 1.50 N/mm <sup>2</sup> | 1.00 – 1.50 N/mm <sup>2</sup> |
| BRE Drop Hammer Test - BS 8204    | 3-4mm                  | 3- 4 mm                       |
| Surface Hardness - EN 13892-6     | 40 N/mm <sup>2</sup>   | 50 – 70 N/mm <sup>2</sup>     |

*This Product conforms to the requirements of EN 13813, Designation CT-C25F3B1.5SH40*

Packaging: 25 kg bags

Colour: Grey

Coverage: For 25 mm thickness: By Volume:

| Ratio | LATASCREED 100 in Kg | Aggregates in Kg | Coverage in Sft |
|-------|----------------------|------------------|-----------------|
| 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 has to be uniformly distributed up to a size of 8mm.

**Fine aggregates distribution shall be according to: IS 383:1970 (clause 4.3)**

***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 Mortar Density     | 1000 – 1100 kg/m <sup>3</sup> |
| Pot Life               | 4 Hours                       |
| Time for Foot Traffic  | ≥ 24 Hours                    |
| Time for Heavy Traffic | ≥ 72 Hours                    |

*Specifications subject to change without notification. 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 screeds and 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 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 screeds:**

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 taking enough care to check the required levels of floor and compact well.

Tiling by Wet – On – Wet method:

For placing tiles apply LATICRETE® SBA 20, slurry bond coat 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.

Tiling by Thin set Adhesive Method:

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

### **Customer Care**

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