



EXECUTION STATEMENT FOR INSTALLATION OF NATURAL STONE ON INTERNAL & EXTERNAL FLOOR BY THICK BED METHOD

Product

Shall be Laticrete 226 Thick bed Adhesive Mortar mixed with Laticrete 3642 Latex Concentrate admix, pre diluted with potable water.

Substrate

Concrete slab to be covered with natural stone using thick bed adhesive mortar shall be sound, clean and free of dirt, oil, grease, curing compounds etc.

Surface Preparation:

- a) Ensure the substrate is clean and free from impurities like dust, dirt, debris, oil, grease, curing agents, loose plaster etc.
- b) Dampen the floor before application of thin set adhesive
- c) Clean the back of tile for any dust or coating.

Mixing

A) Mixing proportions

a) Slurry bond coat :- Use Laticrete 111 Crete filler powder with Laticrete 3642 admix, pre diluted with potable water in the ratio of 1:2 (Laticrete 3642 : Water).

20 kg Laticrete 111 Crete filler powder + 2.5 lts of Laticrete 3642 + 5 lts potable water will give an approximate coverage of 80-90 sft for a thickness of 1 – 1.5 mm.

b.) Semi Dry Mortar Bed:- Use Laticrete 226 Thick bed adhesive mortar with Laticrete 3642 Admix pre diluted with potable water in the ratio of 1:4 (Laticrete 3642 : Water).

50 kg of Laticrete 226 with 1 lts of Laticrete 3642 + 4 lts potable water will give an approximate coverage of 12 sft for 25 mm thick bed.

Note :- Laticrete 3642 / water ratio varies as the mortar bed thickness changes. For thickness over 35 mm, use Laticrete 3642 in the ratio of 1:5 with water.

A) Mixing Instructions

- a) Pour Laticrete Admix and water in a big container / rotating blade mortar mixer and mix the liquid.
- b) Add the powder to the liquid and mix only enough to wet out the batch.

Do not over mix

Application

- a) Ensure that the substrate is clean to receive the mortar bed.
- b) Apply slurry bond coat consisting of Laticrete 111 crete filler powder mixed with Laticrete 3642 latex admix and water approx. 1.0-1.5mm thick over the concrete slab.
- c) Place the semi dry bed mortar adhesive over slurry bond coat while it is wet, tacky and compact the mortar by tempering with flat trowel.
- d) Spread mortar bed adhesive level and plumb.
- e) Spread slurry bond coat of approx 1.0-1.5mm thickness over the semi dry bed while it is fresh.
- f) Fix natural stone to show uniform joints and beat with a hard wood block or rubber.
- g) Clean excess mortar from the stone surface with wet cloth or sponge while mortar is fresh.

Grouting:-

When the tiles have set firm, spacers and bottom support can be removed.

I Cement based colour Grout

Use Laticrete 600 series Unsanded Grout Filler (available in a range of colours) when grout joints are less than 3 mm wide and Laticrete 500 series Sanded Grout Filler (available in a range of colours) for joints 3mm – 12mm.

The Cement based colour joints are strong and are resistant to weather, cracking and discolouration.

Mixing Ratio:

Laticrete Unsanded grout : Latex 282

10kg bag : 3.75 ltr

Laticrete Sanded grout : Latex 282

10 kg bag : 1.75 ltr

Mix the grout filler with 282 Latex Admix , mix only as much can be used in ½ hour or less. Clean up immediately before beginning next mix.

When applying, the grout joints should be free of dirt, debris or tile spacers. Sponge or wipe dust/dirt of tile faces and remove water standing in joints. Pack joints full and free of voids with rubber grouting float. Remove excess grout from tile faces using edge of rubber float and diagonal strokes (at 45° angle to direction of joints). When the joints have set, use a moist sponge to remove excess grout from the tile and joint. Use minimal water for clean up. Final clean up to remove any grout haze should be carried out within the next 12-24 hours.

II Laticrete Latapoxy SP-100 – Stain free, chemical resistant epoxy grout
Latapoxy Sp-100 is a colour fast, non-staining epoxy grout highly suitable for high traffic areas. It is unaffected by most food and beverage spillages, cleaning chemicals, dilute acids and alkalis.

Mixing & Application

- 1 Before grouting, remove all dust & impurities from the tiles. Dampen the tiled surface with a sponge.
- 2 Pour the contents of Part A & Part B into a pail and mix together for 1 min.
- 3 Add the part C filler powder $\frac{3}{4}$ of the content and mix together. Add remaining filler powder if required to achieve desired consistency.
- 4 Fill the joints using a rubber float.
- 5 Remove the excess grout, holding the float diagonally.
- 6 After 30-45 min of the application of the grout, scrub the surface of the tile & joint with clean water and scrubber provided to remove any excess grout.
- 7 Draw a clean cloth and drag across the tile to remove any residue.
- 8 Next day clean the grout haze from the tile with clean water

Expansion & Control Joints

- a) Existing joints in the structure must be carried through to the surface of tile/stone flooring with same width as structural joint and shall conform to architectural details.
- b) Interior areas shall have expansion joints spaced at a maximum of 7m x 7m.
- c) Find attached Tile Council of America details EJ – 171 for expansion joints.

TECHNICAL SERVICES

NOTE: LATICRETE Method Statements are provided for information purposes. The LATICRETE Product Data sheets supercede any information provided in the method statement.

NOTE: LATICRETE Product datasheets are subject to change without notice. For latest revision, check our website at www.myklaticrete.com

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