



MYK LATICRETE
Tile & Stone Installation Solutions

EXECUTION STATEMENT FOR INSTALLATION OF INDUSTRIAL TILE ON FLOOR BY THICK BED METHOD

Product

Shall be Portland cement and sand mixed with Laticrete 3642 Latex Concentrate admix, pre diluted with potable water.

Substrate

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

Surface Preparation:

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

Mixing

A) Mixing proportions

a) Slurry bond coat :- Use a 1:1 ratio of Portland cement and fine sand with Laticrete 3642 admix, pre diluted with potable water in the ratio of 1:2 (Laticrete 3642 : Water).

50 kg Cement + 50 kg of fine sand with 10 lts of Laticrete 3642 + 20 lts potable water will give an approximate coverage of 400 sft for a thickness of 1 – 2 mm.

b. Semi Dry Mortar Bed:- Use a 1:3 mix of Portland cement and dry concrete sand mixed with Laticrete 3642 Admix pre diluted with potable water in the ratio of 1:4 (Laticrete 3642 : Water).

50 kg Cement + 150 kg of fine sand with 4 lts of Laticrete 3642 + 16 lts potable water will give an approximate coverage of 50 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 Dry Set mix of Portland cement and sand 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) Place the semi dry bed mortar over damp surface and compact the mortar by tempering with flat trowel.
- c) Spread mortar bed level and plumb.
- d) Spread slurry bond coat consisting of grey cement, latex admix and water approx 1.5 mm thick over the semi dry bed while it is fresh.
- e) Fix Industrial tile to show uniform joints and beat with a hard wood block or rubber.
- f) Clean excess mortar from the tile surface with wet cloth or sponge while mortar is fresh.

Grouting:-

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

Laticrete Latapoxy 2000, High Industrial Chemical Resistant Grout

Latapoxy 2000 is a 100% solids epoxy grout which is resistant to both acids and alkalis. It is unaffected by steam cleaning and can withstand temperatures upto 182 deg celsius (intermittent).

It is a 3 comp system, simple to apply and water cleanable.

Mixing & Installation

- 1 When the tiles have set firm, spacers and bottom support can be removed.
- 2 Before grouting, remove all dust & impurities from the tiles. Dampen the tiled surface with a sponge.

- 3 Pour the contents of Part A & Part B into a pail and mix together for 1 min.
- 4 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.
- 5 Fill the joints using a rubber float.
- 6 Remove the excess grout, holding the float diagonally.
- 7 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.
- 8 Draw a clean cloth and drag across the tile to remove any residue.
- 9 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 Industrial tile flooring with same width as structural joint and shall conform to architectural details. The movement joints can then be filled using Laticrete Latasil HD, industrial Silicone sealant.
- 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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