

**SPECIFICATION FOR INSTALLATION OF INDUSTRIAL TILES ON FLOOR BY THIN SET METHOD****a) TILE FIXING:**

Fixing industrial tile on floor with Laticrete 111 crete filler powder mixed with Laticrete 73 latex admix. The thickness of adhesive shall be based on the tile size

Tile size upto 300X300mm - 3mm adhesive thickness

Tile size 450X450mm – 4.5mm adhesive thickness

Tile size 600X600mm – 6.0mm adhesive thickness

Tile size 900X900mm – 7.5mm adhesive thickness

Tile size > 900X900mm – 9.0mm adhesive thickness

The mixing ratio shall be as follows

20kg bag Laticrete 111 : 5.5 ltr Laticrete 73

The plaster applied over the wall shall be strong, conform to good design and capable of carrying out the weight of the tile, further the plaster shall be free of dirt, dust and level and true within 3mm in 2.5m.

The adhesive shall be applied using Laticrete square notch trowel as supplied by the company

For detailed installation and laying procedure follow Laticrete Method Statement.

Laticrete products supplied shall be as Manufactured by MYK Laticrete India Pvt Ltd

Performance Properties:

Latex fortified thinset adhesive - Laticrete 111 crete filler powder + Laticrete 73 Crete admix

Test	ANSI 118.4	Result
Initial Set	>6 hr	7 hr 30 min
Final Set	9 – 15 hr	9 hr 30 min
28 day shear bond	200 psi	275 psi
28 day compressive	2500 psi	3000 psi

Product Standard : ANSI A118.4-1999

b) JOINT FILLING:

Providing and fixing spacer as per architecture requirement and grouting the same with Latapoxy 2000 Industrial grout. Colour to be selected by the architect from the Laticrete grout shade card.

For detailed installation and laying procedure follow Laticrete Method Statement.

Laticrete products supplied shall be as Manufactured by MYK Laticrete India Pvt Ltd

Performance Properties:

Latapoxy 2000 Industrial grout

Test	ANSI 118.3	Result
Water cleanability	> 80min (E-5.1)	80 min
Initial setting time	> 2 hr (E-5.2)	> 2.0 hrs
Shrinkage	≤0.25% (E-5.3)	< 0.25%
Sag	No change (E-5.4)	No change
Shear bond strength	>1000 psi (E-55)	1000 psi
Compressive strength	3500 psi (E-66)	10000 psi
Tensile strength	1000 psi (E-5.7)	2000 psi
Thermal shock	> 500 psi (E-5.8)	500 psi

Product Standard : A118.3-1999