



SPECIFICATION FOR INSTALLATION OF CERAMIC TILE ON EXTERNAL WALL BY THINSET METHOD

a) TILE FIXING:

Fixing Ceramic tile on external wall 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, confirm 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 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 between tiles as per architecture requirement and grouting the same with Laticrete Tile Grout mixed with Laticrete 1776 Grout admix plus.

For joints 1-3mm, use Laticrete Unsanded grout (600 series) mixed with Laticrete 1776.

For joints 3-12mm, use Laticrete Sanded grout (500 series) mixed with Laticrete 1776.

Mixing ratio shall be as follows:

10kg bag Laticrete Unsanded grout : 3.75ltr Laticrete 1776 grout admix plus.

10kg bag Laticrete Sanded grout : .175ltr Laticrete 1776 grout admix plus.

For detailed installation and laying procedure follow Laticrete Method Statement.

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

Performance Properties:

Laticrete tile grout – Laticrete 600 series unsanded grout + Laticrete 1776 grout admix plus.

| Test | ANSI 118.6 | Result |
|------------------------------|------------|----------|
| Linear shrinkage 7 days | < 0.10% | <0.1% |
| Flexural strength 7 days | 400 psi | 800 psi |
| Tensile strength 28 days | 350 psi | 400 psi |
| Compressive strength 28 days | 3000 psi | 3050 psi |

Product Standard : ANSI A118.6 -1999**Performance Properties:**

Laticrete tile grout – Laticrete 500 series Sanded grout + Laticrete 1776 grout admix plus.

| Test | ANSI 118.6 | Result |
|------------------------------|------------|----------|
| Linear shrinkage 7 days | < 0.10% | <0.1% |
| Flexural strength 7 days | 350psi | 700 psi |
| Tensile strength 28 days | 350psi | 350 psi |
| Compressive strength 28 days | 3500psi | 3650 psi |

Product Standard : ANSI A118.6 –1992