



SPECIFICATION FOR INSTALLATION OF GLASS MOSAIC TILE ON INTERNAL WALL BY THIN SET METHOD

a) ADHESIVE:

Fixing glass mosaic tile on internal wall with Laticrete 252 Ag Silver Glass Mosaic adhesive mixed with water. The thickness of adhesive shall be 2mm

The mixing ratio shall be as follows

20kg bag(Laticrete 252) : 6ltr potable water

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 cement screed/plaster shall be free of dirt, dust and level and true within 3mm in 2.5m.

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

For detailed installation and laying procedure follow Laticrete Method Statements.

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

Performance Properties:

Laticrete 252 Ag Silver Glass mosaic adhesive

Test	ANSI 118.4	Result
Initial Set	>6 hr	6 hr 50 min
Final Set	9 – 15 hr	8 hr 30 min
28 day shear bond	150 psi	300 psi
28 day compressive	2500 psi ANSI 118.4 F-6.1 modified	2750 psi

Product Standard : ANSI A118.4-1999 and A118.1-1999

b) JOINT FILLING:

Option I:

Providing and fixing spacer as per architecture requirement and grouting the same with Latapoxy SP-100 stain free 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 SP100 Stainfree grout

Test	ANSI 118.3	Result
Water cleanability	> 80min (E-5.1)	(>80 min)
Initial setting time	> 2 hr (E-5.2)	3 hours 30 min
Linear Shrinkage	≤0.25% (E-5.3)	> 0.10%
Sag	No change (E-5.4)	No change
Shear bond strength	>1000 psi (E-55)	1200 psi
Compressive strength	3500 psi (E-66)	7500 psi
Tensile strength	1000 psi (E-5.7)	1500 psi
Thermal shock	> 500 psi (E-5.8)	1100 psi

CHEMICAL RESISTANCE CHART at 75°F (23°C)			
CHEMICAL NAME	Continuous Exposure	Intermittent Exposure	Splash Exposure
Milk	R	R	R
**Wine	R	R	R
Ethanol	NR (soft)	R	R
**Potassium Permanganate 10%	NR	R	R
**Potassium Permanganate 1%	R	R	R
Tannic Acid to 50%	R	R	R
Tartaric Acid to 50%	R	R	R
Phosphoric Acid to 80%	R	R	R
*Sulfuric Acid to 20%	R	R	R
Oxalic Acid to 10%	R	R	R
Lactic Acid to 5%	R	R	R
Acetic Acid to 5%	R	R	R
SodiumHydroxide to 50% Saturated	R	R	R

Benzoic Acid 5%	R	R	R
Sea Water	R	R	R
Fruit Juice	R	R	R
Methanol	NR	NR	R
Mek	NR	NR	R
Chloroform	NR	NR	NR
Methylene Chloride	NR	NR	NR
Toluene	NR	NR	R
Xylene	NR	NR	R

Product Standard : ANSI A118.3 – 1999

Option II:

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 : 1.75ltr 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