LATAPOXY 2000

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

For detailed installation and laying procedure follow MYK LATICRETE Method Statement.

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

Performance Properties Latapoxy 2000:

Applicable Standards:

ANSI A118.3; ISO 13007 – 3 (RG) / EN 13888

ANSI Data		
Property / Test Method	Requirement	Typical Values
Water cleanability: ANSI A118.3: Clause 5.1	>80 Minutes	85-110 Minutes
Initial Setting Time: ANSI A118.3: Clause 5.2	>120 Minutes	180 - 240 Minutes
Service Setting Time: ANSI A118.3: Clause 5.2	≤ 7 Days	48 Hours – 72 Hours
Shrinkage after 7 days: ANSI A118.3: Clause 5.3	< 0.25%	< 0.18%
Sag in Vertical Joints: ANSI A118.3: Clause 5.4	No change in shape of joint	Pass. No change in shape of joint
Bond strength to Quarry Tile: ANSI A118.3: Clause 5.5	>1000 psi (6.87 Mpa)	>1150 psi (7.90 Mpa)
Compressive Strength after 7 days: ANSI A118.3: Clause 5.6	>3500 psi (24.06 Mpa)	7500 – 8200 psi (51.56 – 56.37 Mpa)
Tensile Strength after 7 days: ANSI A118.3: Clause 5.7)	>1000 psi (6.87 Mpa)	2500 – 2800 psi (17.18 – 19.25 Mpa)
Thermal Shock ANSI A118.3: Clause 5.8)	>500 psi (3.43 Mpa)	1000 – 1300 psi (7.86 – 8.93 Mpa)

The grout mortar conforms to ANSI A 118.3

ISO / EN Data		
Property / Test Method	Requirement	Typical Values
Abrasion resistance: ISO 13007 – 4: Clause 4.4; EN 12808 - 2	≤ 250 mm^3	Pass
Flexural strength under standard conditions: ISO 13007 – 4: Clause 4.1.3; EN 12808 - 3	≥ 30 N / mm^2	42 - 46 N / mm^2
Compressive Strength under standard conditions: ISO 13007 – 4: Clause 4.1.4; EN 12808 – 4	≥ 45 N / mm^2	55 – 57 N / mm^2
Shrinkage: ISO 13007 – 4: Clause 4.3 : EN 12808 – 4	< 1.5mm / m	0.3 – 0.5 mm /m
Water Absorption after 240 Minutes: ISO 13007 – 4: Clause 4.2; EN 12808 – 5	≤0.1 g	0.015 – 0.030 g
Chemical Resistance	See Chemical resistance chart	

The grout mortar conforms to ISO 13007 – 4 (RG) / EN 13888.

Acid Based Chemicals				
Chemical	Concentration	PE	IE	SE
Acetic Acid	2.5%	VG	VG	VG
	5%	VG	VG	VG
	10%	G	VG	VG
• HCL	36.5%	G	VG	VG
• H2SO4	20%	VG	VG	VG
	50%	G	VG	VG
• Formic Acid	2.5%	VG	VG	VG
	10%	P	G	G
Phosphoric acid	10%	VG	VG	VG
	75%	G	G	VG
Nitric Acid	30%	G	G	VG
Citric Acid	50%	VG	VG	VG
Tartaric Acid	50%	VG	VG	VG
Tannic Acid	50%	VG	VG	VG
Benzoic Acid	5%	VG	VG	VG
Oxalic Acid	10%	VG	VG	VG
Lactic Acid	10%	G	VG	VG

PE: Prolonged Exposure; IE: Intermittent Exposure: SE: Splash Exposure; P: Poor: G: Good; VG: Very Good;

- Long exposure will cause colour change