

LATAPOXY 310 Stone Adhesive



R2T

Two-component Epoxy Adhesive

PRODUCT DESCRIPTION

LATAPOXY 310 Stone Adhesive is a two component, high strength epoxy adhesive, which is formulated for the spot bonding method of tile and stone installations on vertical surfaces. LATAPOXY 310 Stone Adhesive maintains its non-sag consistency at high temperatures up to 95°F (35°C).

USES

- Spot bonding marble, granite, adhered masonry veneer and large format ceramic tile on walls and overheads, interior or exterior applications.
- Ideal for fireplace surrounds, elevators and stair risers
- Adhesive for bedding and fastening marble, granite and other stone slabs on walls and wainscoting.
- Adhesive for fabricating granite, marble and other stone

ADVANTAGES

- Fast Permanent Bond - 45 minutes to 1 hour set time
- Easy to Use - 1:1 mixing ratio by volume
- Non-Sag - when applied up to 1" (25 mm) thick
- Non-Staining - ideal for white and light colored marbles, other stones and tiles.
- Withstands shock and vibration
- Durable permanent bond, will not deteriorate over time
- Safe - no solvents.
- Conforms to EN 12004 and ISO 13007 with a classification of R2T
- Approved by the following building code bodies for exterior installations: ICC, IBC
- Rapid version is available; 5-8 minute set up



TECHNICAL DATA AT 23°C e 50% U.R.*



This product has been certified for Low Chemical emissions (ULCOM/GG UL2818) under the UL GREENGUARD Certification Program for Chemical Emissions for Building Materials Finishes and Furnishings (UL2818 Standard) by UL Environment.

Total VOC content of the fresh mixture is < 0.65 g/l - < 1.01 g/l Rapido

Class R2T Conforms to European Standard EN12004	
Conforms to American Standard ANSI A118.3-1999	
Appearance:	tissotropic paste
Color:	brown part A white part B
Mixing Ratio:	5 Kg part A 5 Kg part B
Working Time:	45 - 60 min.
Initial Setting Time:	5-6 hour
Walkability:	2 hours
Full Setting time:	24 - 48 days
Application Temperature:	from +10°C to +35°C

MEDIUM OUT OF PLUMB	PRESTAZIONI	
	THICKNESS	COVERAGE
Plumb wall	3 mm	27-30 m ²
6 mm	6 mm	14 -16 m ²
12 mm	12 mm	7-7.5 m ²

One carton (15 cartridges) will yield approximately 150 ft² (14 m²) with 1/4" (6 mm) thick dabs, or 300 ft² (27 m²) with 1/8" (3 mm) thick dabs when covering 10% of the veneer surface.

STANDARD	PERFORMANCE		
	TEST	RESULT	REQUIREMENT
EN12004	Open time EN 1346 after 20 min.	≥ 3.3 MPa	≥ 0.5 MPa
EN 12004	Schrinkage EN 1308	0.2 mm	≤0.5 mm
EN12004	Initial sheare bond strength EN12003-7.3	25 MPa	≥ 2.0 MPa
EN12004	Sheare bond strength after water immersion EN12003-7.4	24 MPa	≥ 2.0 MPa
EN12004	Sheare bond strength after changing temperature EN12003-7.5	29 MPa	≥ 2.0 MPa
ANSI A118.3 E-5.6	Compressive strength	57-58 MPa	
ANSI A118.3 E-5.7	Tensile strength	10-14.5 MPa	
ANSI A118.3 E-5.8	Thermal shock strength	7-11 MPa	

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.