



TECHNICAL DATA SHEET PRODUCT

EPOXY GLASS 13

**THIXOTROPIC EPOXY ADHESIVE
TRANSPARENT MATT, COLORLESS
without added solvents**

Rev.1 December 23'

Two-component epoxy adhesive, thixotropic, transparent, matt and colorless, practically odorless and super reactive. It is formulated for the permanent bonding of granite and marble and for bonding any type of natural and artificial stone. After hardening, it is characterized by its high glass structure. Its thixotropy makes it suitable for vertical applications and the negligible shrinkage allows the repair of deep cracks or depressions in a single operation.

FIELD OF USE

Bonding of all types of stone and ceramic materials, both natural and synthetic, with each other or with heterogeneous supports

CHARACTERISTICS

- Excellent adhesion between different materials and supports
- Easily colourable
- Very fast catalysis
- Applicable indoors but not in water-immersed bonding as a structural adhesive
- High resistance to solvents, basic and acid environments
- Almost zero shrinkage!

WARNING

- avoid using and gluing operations at temperatures below 10°C / 50°F
- does not adhere to silicones
- does not adhere to polyethylene
- does not adhere to Teflon
- does not adhere to some types of plastics
- use perfectly clean tools that are not polluted by other substances (rusty spatulas, etc.)
- the action of sunlight and / or sources of ultraviolet rays can cause the product to yellow and / or opacify

HOW TO USE

PREPARING THE SURFACE. Thoroughly clean the surfaces, eliminating all traces of dust and crumbly parts, traces of cement, plaster, greasy substance, etc. Better adhesion if the substrate is slightly roughened.

PREPARING THE MIXTURE. Carefully mix the part A and the part B exactly in the indicated ratios A:B=100:100. We recommend to mix small quantities (max. 100-150 gr.) to avoid a too short time of use before the hardening reaction begins.

APPLICATION. Spread the mixture obtained on the clean and dry substrate with the help of a toothed spatula. In case of application on iron it is advisable that the iron be sandblasted or in any case roughened.
Dopo circa 45 minuti, in funzione delle condizioni ambientali, è possibile lo spostamento del manufatto.

IMPORTANT!

- Do not use mastic already in the gelling phase
- Do not put not used mastic back in the can
- Store at temperatures between 10°C/50°F and 30°C/86°F in order to avoid color alterations of the single components
- Hardening becomes faster at high temperatures and slower at low temperatures
- The adhesive is recommended for gluing and not for grouting (mainly outdoors)

Attention

The application of the product with a thickness of more than 5 mm. about can cause a slight yellowing of the product because of the strong exothermicity of the reaction



MIXING RATIO

Part A : Part B = 100 : 100

PACKAGING

Set A+B of 1,0 kg. (Part A = kg. 0,500 + Part B = kg. 0,500) 1 box (4 set A+B)

STABILITY

The product, kept in its original sealed and intact packaging, and stored in a dry place at a temperature of 15-25°C/59-77°F, has a stability of 12 months. Protect from frost.

TECHNICAL DATA

	part A	part B
Physical state	semi-transparent gel	semi-transparent gel
Odour	characteristic (light)	characteristic (sulphurous)
Density at 20°C / 68°F	1,10 ± 0,05 g/cm ³	1,10 ± 0,05 g/cm ³
Viscosity at 25°C / 77°F	220.000 - 300.000 cPs according to room temperature	220.000 - 300.000 cPs according to room temperature

TECHNICAL DATA OF THE MIXTURE A+B

Catalysis ratio A+B	A : B = 100 : 100
Appearance of the mixture	creamy translucent paste
Using time (A = 50 g. + B = 50 g.) after mixing	2-4 minutes a 20°C/68°F
Hardening at 20°C/68°F in thin layer (1-2 mm)	10 - 13 minutes
Piece handling after	1 hour
Workability time after	2-3 hours
Catalysis completed after	48-72 hours as a function of T
Mechanical resistance (on marne, granite)	cohesive breakage of the support (and not of the adhesive)

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ALWAYS CARRY OUT A PRELIMINARY TEST BEFORE APPLICATION