

Elix

Art. Code A: 00034658

Art. Code B: 00034661

Two-component solid extra clear epoxy mastic for visible bonding, coupling and grouting.

Elix is a transparent epoxy mastic in thixotropic paste for vertical applications. It is used to glue, laminate and grout marble, granite, quartz and ceramics in a safe and durable way.

The product has a low yellowing which is why it is recommended for visible gluing. Thanks to its long gel time and resistance to atmospheric agents, Elix is particularly suitable for installation even on facades. The product is soft and light, very easy to spatula, with a shiny and shiny appearance.

Suitable for both indoor and outdoor applications, it guarantees minimal yellowing over time and is easy to dose.

The mastic has a low odor and does not present long-term toxicity for the end user.

Both part A and part B are also available in tube format (size 300+150g).



MAIN PLUSES

- Extra strong bonding
- Very low yellowing
- Simple 2 to 1 dosing
- Soft and easy to spread

MATERIALS



Natural
stone



Quartz



Ceramics



Food Safety
Declaration

REF. DM 21/03/1973 -
Reg. UE 10/2011

SECONDARY PLUSES

- Indoor and Outdoor
- Very low shrinkage
- Very bright
- Easy to polish
- Easy to color

SPECIFICATIONS

Two-component vertical thixotropic transparent epoxy mastic 2:1. Mainly used for gluing and grouting stone material.

PRODUCT FOR PROFESSIONAL USE ONLY

The information contained in this data sheet is based on tests carried out in our laboratories and is correct based on our experiences. This data may be changed without prior notice and is not to be considered legally relevant. It is the customer's responsibility to check the suitability of the product before use. It is the customer's obligation to verify that the use of the product complies with the laws, regulations and patents in force in the country in use.

DECLARATIONS

Once applied as indicated in the 'Instructions for Use' section, Elix complies with the global migration limits set forth in DM 21/03/1973 and EU Regulation 10/2011.

INSTRUCTIONS FOR USE

The mastic and hardener should be stored in the original containers. In automatic dosing systems, contact with metal parts made of copper, brass and similar alloys must be avoided, as they can rust. Use plastics resistant to corrosive liquids, never use PVC.

Take the necessary quantities from the two containers, BY WEIGHT, respecting the mixing ratio indicated. Mix vigorously and proceed with use. Use clean tools when preparing and mixing. Make sure that the material on which the glue will be applied is dry and free from dust and greasy or oily substances.

If necessary, you can add colors or pigments. The color should be added before mixing part A with part B. Add the amount you need to get the desired color. The color must be evaluated after hardening. An excess of coloring paste or powdered pigments could alter the final characteristics of the mastic.

Not suitable for immersion in water after hardening.

To clean the equipment, use non-greasy solvents, such as acetone and butyl acetate.

Close containers tightly after use, avoid prolonged contact with air.

TECHNICAL DATA

Viscosity part A 25°C	Thixotropic paste
Viscosity Part B 25°C	Thixotropic paste
Density part A / part B at 25°C Kg / L	1.2 / 1.0
Part A / Part B appearance	Transparent paste / transparent paste
Resin Color in Gardner (ASTM D1544)	Max 0.5
Hardener Color in Gardner (ASTM D1544)	Max 0.5
Mixing ratio by weight A+B	100 + 50
Gel time in mass 25°C	10' - 15'
Off-touch time at 25°C with 50% RH	180' – 210'
Off-touch time at 40°C with 10% RH	n.a.
Shore D hardness after post-firing 50°C for 12h (ASTM D2240)	80
Yellowing test in Q-Sun climatic cell 1 year outdoor (light + rain + dark + thermal shock) (ASTM D904)	Very low
Minimum reaction temperature	+10°C
Minimum temperature use after curing	-25°C
Maximum temperature of use after curing	+60°C
Workability time at 25°C (minimum time for polishing and cutting)	24 hours

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Adhesion on white marble after 24 hours (CQ26 method)	9 Mpa*
Adhesion on white marble after post curing at 50°C for 12 hours (CQ26 method)	8 Mpa*
Adhesion on granite after 24h (CQ26 method)	9 Mpa*
Adhesion on granite after post curing at 50°C for 12 hours (CQ26 method)	8 Mpa*
Adhesion on quartz after 24h (CQ26 method)	13 MPa
Adhesion on quartz after post curing at 50°C for 12 hours (CQ26 method)	12 MPa
Adhesion on ceramic after 24h (CQ26 method)	17 MPa
Adhesion on ceramic after post curing at 50°C for 12 hours (CQ26 method)	18 MPa

*Substrate breakdown

STORAGE

The product is well stored between 18-25°C away from sources of heat, humidity, direct sunlight and in the original closed and unused containers and is guaranteed for 24 months. Avoid exposing the product to temperatures below 0°C.

SAFETY PRECAUTIONS

Part A and Part B are chemicals. Before use, it is recommended to read the safety data sheets and notes on the label on the containers or drums.

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