

E GLUE

1	DESCRIPTION
	<p>High performance thixotropic epoxy adhesive, specific for bonding Bisazza glass mosaic. White, low odor, no vertical slip, good mechanical strength, excellent adhesion on different kinds of surfaces and good resistance against chemicals. Tested according to EN 12004, adhesive eGlue complies with class R2T.</p>

2	APPLICATIONS
	<p>eGlue is suitable for floor and wall applications, both indoors and outdoors. It can be used for gluing mosaic on various surfaces such as:</p> <ul style="list-style-type: none"> - concrete - cement plaster - wood - metal - glass - etc. <p>Since eGlue is resistant to water absorption and steam diffusion, it can be used in humid areas such as showers and steam rooms, or in submerged areas such as swimming-pools and fountains.</p> <p>Main characteristics:</p> <ul style="list-style-type: none"> - white and weak scent - no vertical slippage - good mechanic resistance - excellent adhesion on various type of surfaces - good resistance to chemical attacks

3	CARATTERISTICHE TECNICHE	
	Classification according to EN12004	R2T
	Useful time of application	1 h 30'
	Application temperature	From +15°C to +30°C
	Color	white
	Open time	2 h
	Adjustability time	4 h
	Set to light foot traffic	after 24 h
	Ready for grouting with FillgelPLUS	After 12 h
	Working temperature	From -20°C to +80°C
	Ready for use	after 7 days
	Appearance of the hardened product	white slightly flexible mass
	Nature of the binder	epoxy resins
	Type of product	bi-component
	Mixing ratio	100 "A" + 50 "B" by weight
PRODUCT SUBJECT TO "CE" MARKING		

NOTE: Data is collected at a temperature of 20° C, RH 50%. Low temperatures lengthen hardening times, high temperatures will significantly reduce them.

4 FINAL PERFORMANCES		
	Initial shear adhesion strength	≥ 2 N/mm2 EN 12003
	Shear adhesion strength after water immersion	≥ 2 N/mm2 EN 12003
	Shear adhesion strength after thermal shock	≥ 2 N/mm2 EN 12003
	Open time (adherence to traction)	≥ 0.5 N/mm2 EN 1346 after 30 minutes
	Slipping	≥ 0.5 mm EN 1308
	Reaction to fire	Class E, Efl
	Emission of VOCs according to the French Decree ⁽¹⁾	Class A+ (Arreté 2011-321 Annexe I-D)

⁽¹⁾ Information on the emission level in the interior of volatile organic compounds, which present a risk of inhalation toxicity; on a class scale from A + (very low emissions) to C (high emissions).

5 STORAGE		
	Storage	Store in dry and cool area, in original unopened packaging. The expiry date is printed on the packet.
	Packaging	Component A and component B to be mixed at use for a total of 3,24 kg.

6 METHOD OF APPLICATION	
	<p>For best performance we suggest working with ambient temperatures between +15° C and +30° C. Low temperatures lengthen hardening times, high temperatures will significantly reduce them.</p> <p>Preparation of substrates Surfaces must be smooth, flat, stable, dry and perfectly clean.</p> <p>Preparing the paste: Pour the hardener (eGlue B) in the container of Part A. Mix well using a low speed electric mixer fitted with helical whisk until a homogeneous paste is obtained. If the product is at a temperature of 20° C mix at a speed of 400-600 rpm for 1 minute. If the product temperature is lower than 20° C mix longer up to 2 minutes. Use a trowel to scrape the wall and the bottom of the container, make sure not to leave traces of unmixed product. Complete the process by mixing at 400-600 rpm for another 40" at 20° C. Mix the amount of applicable adhesive within 1 hour at 30° C and 1h 30 ' at 20° C. The packages are pre-dosed 100:50. Do not change the mixing ratios A + B, otherwise you get poor performance.</p> <p>Application of the paste: Apply eGlue only on dry surfaces. Spread a generous amount of eGlue with a Bisazza 3.5 mm notched trowel (5.0 mm for <i>Opera 25</i>, <i>Opera 15</i> or <i>5X5</i> collections). Wet the surface thoroughly with the paste; use the smooth side of the trowel to spread it onto the foundation applying a certain pressure. Then comb excess glue to get a uniform application avoiding excesses and/or deficiencies of the product.</p> <p>Cleaning: Clean the tools with denatured alcohol and / or nitro paint thinner. Once hardened, eGlue can be removed mechanically.</p>

7 CONSUMPTION		
	Smoothing	0,9 kg/m ²
	Smoothing with mosaic on mesh	1,4 kg/m ²
	Setting (3.5 mm notched trowel)	1,6 kg/m ²
	Setting (5 mm notched trowel)	2,4 kg/m ²

8	WARNING
	<ul style="list-style-type: none">- eGlue does not waterproof- Respect the split and/or expansion joints sealing the with a specific product- Never add to eGlue water or any solvent in order to avoid compromising the performance of the product- Mix homogenously the two compounds (A+B) to avoid altering the performance of the product.- Do not use portions of product- When used externally the product tend to yellow- Working time varies according to environmental conditions and substrate- Use only on perfectly dry surfaces

9	SAFETY AND WARNING
	<ul style="list-style-type: none">- Product for professional use only- Keep out of the reach of children- Irritant for the eyes, respiratory tracts and skin- May cause irritation in contact with the skin- In the event of contact with eyes, wash immediately with plenty of water and consult a doctor- Use protective clothing, gloves and goggles- Use only in well ventilated areas <p>Read the instructions of the package and consult the safety data sheet before using. The safety data sheet is available on a separate document.</p>

The information reported by this technical data sheet is based on our best experience and technical knowledge; however, it does not exempt users from prior tests and inspections to determine suitability of use. For further technical information or for specific cycles and / or special applications, please consult our TECHNICAL ASSISTANCE SERVICE CENTER.

Product intended for professional use.