

**E GLUE**

<b>1</b>	<b>DESCRIPTION</b>
<p>High performance thixotropic epoxy adhesive, specific for bonding Bisazza glass mosaic.                  White, slightly scented, no vertical slipping, 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>	

<b>2</b>	<b>APPLICATIONS</b>
<p>eGlue is suitable for floor and wall installations, both indoors and outdoors. It can be used for gluing mosaic on various surfaces such as:</p> <ul style="list-style-type: none"> <li>- concrete</li> <li>- cement plaster</li> <li>- wood</li> <li>- metal</li> <li>- glass</li> <li>- etc.</li> </ul> <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"> <li>- white and slightly scented</li> <li>- no vertical slipping</li> <li>- good mechanic resistance</li> <li>- excellent adhesion on various types of surfaces</li> <li>- good resistance to chemical attacks</li> </ul> <p>eGlue is recommended for:</p> <ul style="list-style-type: none"> <li>- transparent plain colours*</li> <li>- Items in 10x10 mm and Opus Romano that require a fixing plan</li> <li>- The Crystal Collection</li> <li>- decorations in artistic technique</li> </ul> <p>*Collections: Canvas, Opera 15, Opera 25                  VTC 20.03 - VTC 20.05 - VTC 20.09 - VTC 20.15 - VTC 20.18 - VTC 20.37 - VTC 20.62 - VTC 20.87                  VTC 10.03 - VTC 10.05 - VTC 10.09 - VTC 10.15 - VTC 10.18 - VTC 10.37 - VTC 10.62 - VTC 10.87</p>	

<b>3</b>	<b>TECHNICAL CHARACTERISTICS</b>	
	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 Fillgel Plus	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
<b>PRODUCT SUBJECT TO "CE" MARKING</b>		

**NOTE:** Data collected at a temperature of 20°C, RH 50%. Lower temperatures will increase the hardening times, higher temperatures will significantly reduce them.

4 FINAL PERFORMANCES CLASSIFICATION ACCORDING TO EN 12004:2007	
Initial shear adhesion strength	≥ 2 N/mm <sup>2</sup> EN 12003
Shear adhesion strength after water immersion	≥ 2 N/mm <sup>2</sup> EN 12003
Shear adhesion strength after thermal shock	≥ 2 N/mm <sup>2</sup> EN 12003
Open time (adherence to traction)	≥ 0.5 N/mm <sup>2</sup> 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 <sup>(1)</sup>	Class A+ (Arrêté 2011-321 Annexe I-D)

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

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

6 INSTRUCTIONS FOR USE	
<p>For best performance we suggest working with ambient temperatures between +15° C and +30° C. Lower temperatures will increase the hardening times, higher temperatures will significantly reduce them.</p> <p><b>Preparation of substrates</b> Surfaces must be smooth, flat, stable, dry and perfectly clean.</p> <p><b>Preparing the paste:</b> 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 will get poor performance.</p> <p><b>Application of the paste:</b> 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><b>Cleaning:</b> 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 <sup>2</sup>
Smoothing with mosaic on mesh	1,4 kg/m <sup>2</sup>
Setting (3.5 mm notched trowel)	1,6 kg/m <sup>2</sup>
Setting (5 mm notched trowel)	2,4 kg/m <sup>2</sup>

8 WARNING	
<ul style="list-style-type: none"> <li>- eGlue is not waterproof</li> <li>- Respect the split and/or expansion joints by sealing them with a specific product</li> <li>- Any addition of water or solvent will compromise the performance of the product.</li> <li>- Mix homogenously the two compounds (A+B) to avoid altering the performance of the product.</li> <li>- Do not use portions of product</li> <li>- When used externally the product tend to yellow</li> <li>- Working time varies according to environmental conditions and substrate</li> <li>- Use only on perfectly dry surfaces</li> </ul>	

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

The information reported in 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 DEPARTMENT for assistance.