

POOL eGROUT

1	DESCRIPTION
	<p>Pool eGrout is a bicomponent epoxy grout, made of epoxy resins, suitable for grouting glass mosaic, especially outdoors or in humid areas, such as pools.</p> <p>Once dry and hardened, Pool eGrout has the following characteristics:</p> <ul style="list-style-type: none"> - smooth and compact final surface - uniform colors resistant to tone variation - water resistant - resistant to chemicals agents - high-hardness and resistant to high traffic - free from any cracks and leaks - excellent adherence to the mosaic tesserae - excellent workability and easy to use

2	APPLICATIONS
	<p>Pool eGrout is used for grouting Bisazza mosaics on floors and walls indoors and outdoors. It is suitable for environments subject to mechanical and chemical stress.</p> <p>Particularly suitable for humid environments, such as swimming pools, pools with thermal water or with salty water. The grout color will affect the final aesthetic appearance of the product installed.</p>

3	TECHNICAL CHARACTERISTICS	
	Color	Comp. A: colored paste (see color board) Comp. B: to be mixed at the use Package for a total of 3 kg.
	Bond nature	Epoxy-polyaminoamidic (A) + mixed amines (B)
	Classification according to EN 13888	RG Class
	Specific catalyzed weight, ISO 1183	1,55 ÷ 1,65 g/cm ³
	Catalysis ratio	90 Comp. A + 10 Comp. B in weight
	Temperature of application	From +12°C to +30°C
	Pot life	45 minutes
	Useful cleaning time	<120 minutes / 15°C <60 minutes / 20°C <30 minutes / 30°C
	Useful time to remove halos	<24 hours / 20°C
	Washability with water	Excellent
	Walking time	After 24 hours. With lower temperatures time is longer*
	Ready for use	After 4 days. With lower temperatures time is longer*. In pools and humid environments, wait for 7 days.
	Shore D after 24 hours (ISO 868)	65 ± 3%
	Shore D after 7 days (ISO 868)	> 75%
	Working temperature	From -15°C to +70°C

*in the meantime, avoid water stagnation.

NOTE: The above reported data were taken at a temperature of +22°C with 50% humidity. Higher temperatures reduce the above mentioned working times.

4	STORAGE	
	Storage	The product has a shelf-life of 18 months, provided it is stored in the original sealed packaging and it is placed in a cool and dry place, away from direct sunlight. Store at temperatures between +5°C and +35°C.
	Packaging	Part "A" and Part "B" to be mixed at the time of use - total 3 Kg.

5	INSTRUCTIONS FOR USE	
	<p>Preliminary steps Make sure that the joints are clean and free from any dust or debris (ie. oils, grease, cement powder, or other residuals); failure to do so will prevent the grout adhesion. For a correct sealing of the mosaic with Pool eGrout, the joints must be free. If they are not, remove the adhesive in excess prior to grouting. Start grouting with Pool eGrout only when the adhesive used for fixing is completely dry. Never wet the joints before application of the grout Pool eGrout. In case of paper face mounted mosaic, we recommend removing with a wet sponge any remaining adhesive from the surface of the tiles, before grouting. When installation is made in submerged areas, in order to avoid any possible bacterial proliferation, we suggest to sanitize the joints using a solution of water and chlorine (2%) which should then be rinsed and removed with a vacuum. Before the application of Pool eGrout, check that the joints are perfectly dry.</p> <p>Preparation of the product Pour component B in the component A container. Mix for about 1 minute using an electric mixer equipped with helicoidally beater at low turning number (400-600 rpm), to obtain a homogeneous paste. Hand mixing is not recommended. Scratch with a trowel the walls and bottom of the container in order to avoid traces of unmixed products. Complete the process mixing for 30" further. Proceed with the application of the grout.</p> <p>Application Spread Pool eGrout by using a rubber trowel, filling the joints completely. Remove immediately the excess of product keeping the trowel almost perpendicular with respect to the surface and diagonal with respect to the joints. Respect the pot life.</p> <p>Cleaning Cleaning must start immediately after grouting and must in any case finish within the time shown in the table reported at point 3 (Useful cleaning time). Higher temperatures reduce the time for the cleaning operations. Emulsify the excess of grout with Bisazza Scrub soaked with water and keep it clean with frequent rinsing. For a better execution of this operation, we recommend the use of a trowel with "velcro" stripes, with a rotating motion and with a gentle pressing avoiding emptying the joints. Remove the emulsion with Bisazza Sponge moistened with water and keep it clean with frequent rinsing. Change the scrub and the sponge when they look oily or sticky; usually every other 4/5 sqm. Avoid allowing the cleaning liquid to penetrate in the joints. Keep the tools clean with clean water. After a few hours (not less than 4, and not more than 24 hours), remove any possible halos with Bisazza scrub and clean water. Any other over grouting can be made when the surface is totally dry. Clean the tools with water while the grout waste is still supple. Once hardened, Pool eGrout can be removed mechanically.</p>	

6	AVERAGE CONSUMPTION OF POOL eGROUT (Kg/sqm)	
	20x20 mm	1,35
	10x10 mm	1,35
	VARIATIONS	0,9
	OPERA 15	2,2
	OPERA 25	1,5
	OPUS ROMANO 12	1,1
	VINTAGE	0,9
	Decorations in artistic technique 10x10 mm	1,0 - 1,45
	Decorations in artistic technique 20x20 mm	1,35

The consumption quantities reported above are calculated for a professional installation using the correct Bisazza fixing tools and guides.

7	REMARKS
	<ul style="list-style-type: none"> - Respect the split and/or expansion joints by sealing them with a specific product. - Pool eGrout is not a waterproof product. - Any addition of water or solvent will compromise the performance of the product. - Mix well the two components (A+B) to avoid altering the performance of the product - Do not use portions of the product - Slight shade variations between different batches may occur. - Working time varies according to environmental conditions and substrate. - Do not use the product when the substrate temperature is below +12°C or higher than +30°C. - Carefully respect the mixing ratio 90:10 in weight. - Wait at least 7 days (at 22°C) after the installation to put the surface in contact with water. - Do not cover the grouted surfaces unless at least 2 days from grout application have passed. - In case of applications on heated substrates, the instructions released by the supplier of the heating system must be followed. - In case of use in highly aggressive environments, consult our technical service beforehand.

8	SAFETY WARNINGS
	<ul style="list-style-type: none"> - Product for professional use only - Keep out of the reach of children. - Irritant for eyes, respiratory tracts and skin. - Not suitable for contact with food. - 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. - Use only on perfectly dry surfaces. - Dispose of processing residues and any other contaminated packaging in accordance with the local regulation in force. <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.