

TECHNICAL DATA SHEET (TDS)

MASTIC BLITZ

ID Product Code 038



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TWO COMPONENT EPOXYVYNILESTER MASTIC

High performance mastic - glue for marble, granite, stones.

Product description:

BLITZ was created thanks to the usage of new concept resins. This is a two-component mastic with exceptional strength and fast application, especially suitable to glue and fill various types of marbles, granites and stones. The optimum adhesive power combined with the speed of application make BLITZ a unique and innovative product. Its physical properties put this product at an excellent level because it has the best combination between the mechanical and chemical properties of the epoxy resins and the fast drying time of the polyester resins. The result are application and workability similar to the polyester resins (with the usage of hardener in paste 2% in weight), so that the treated stone can be worked within a short time; while chemical and mechanical resistances are similar to those of epoxy products. BLITZ also has an excellent resistance to chemical attacks, particularly by alkaline agents.

BLITZ is suitable for outdoor use, can be used as an adhesive agent for mechanical fasteners, it has excellent grip even on wet material.

Chemical characteristics:

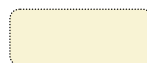
Appearance	Semi-tixotropic paste
Color	See color chart
Odor	Characteristic
Specific gravity at 20°C (68°F)	1,75 ± 0,02
Hydro-solubility	Not soluble
pH	N.D.
Bending traction DIN 53445	MPa 90 ÷ 110
Bending flexion DIN 53452	MPa 140 ÷ 170
Elastic Modulus at Traction	3,8 ÷ 4,0 Gpa
Stretch at Breaking	2 ÷ 4 %
Hardening time (2% catalysis)	Gel time:
at 10° C (50° F)	10-15 minutes
at 20° C (68° F)	4-7 minutes
at 30° C (86° F)	3-5 minutes
Catalysis ratio	2-3% in weight
Storage at 20°C (68°F) away from heat, moisture, sunlight :	24 months in original packaging

(*)indicative values relating to the hardened resin object of laboratory tests

Colors available



01 WHITE



02 LIGHT BEIGE (STRAW YELLOW)



00 TRANSPARENT

The colors represented on this sheet are approximate and differ from the originals being a digital image.

Instruction for use



Tutti i dati contenuti nella presente letteratura sono risultati da accurati esperimenti ed esperienze eseguiti nei nostri laboratori e presso qualificati operatori del settore lapideo, sono pertanto da ritenersi attendibili. Dato però il gran numero di fattori che possono influenzarli, le informazioni fin qui riportate non comportano garanzie implicite o formali. L'utilizzatore si assume la responsabilità per l'utilizzo del prodotto avendo cura di sperimentarne preventivamente le caratteristiche. La casa si riserva il diritto di apportare modifiche ai prodotti illustrati in questo scheda, in qualunque momento senza l'obbligo di preavviso. Le foto riprodotte sono indicative per le inevitabili differenze dovute alla riproduzione tipografica.


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The area to be glued or filled must be clean, perfectly dry and dust free. Add 2% of paste hardener in weight to the mastic, mix thoroughly until a homogeneous mass is obtained and apply with a spatula on horizontal or vertical surface. In cold season, it is possible to increase quantity of hardener up to 3%. Once hardened after a couple of hours, the mastic can be grinded and polished. For materials with porosity or very big holes we suggest to make a second application.

Suggestion for use and recommendations:

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- The use of 4% higher catalyst reduces the adhesiveness of the product. Also it reduces the workability time and can cause a color change.
- Never catalyze a whole can of putty in a time to prevent the mass effect which accelerates the hardening of the product.
- The polyester resins can be used outside, however, due to numerous factors (moisture, temperature changes, frost and thaw cycles) may lose their mechanical and chemical characteristics.
- The use of catalyst lower than 1% and / or low temperatures (below 5 ° C) retards the curing of the product.
- The temperature is a very important variable in the use of thermosetting products such as polyester putty; it acts in a manner inversely proportional to hardening of the product. For more information check the technical specifications of the catalyst.
- In case it is desired to pigment the mastic, to add the dye to reach the desired hue and then add the catalyst.
- The use of dye in 2% higher dough affect the adhesiveness of the product.
- The product after being mixed with the catalyst, can be worked for a maximum period of between 3 and 15 minutes (20 ° C).
- The stucco material can be handled after 20 minutes after grouting.
- Before use read the recommendations printed on the label and always carry out a preliminary test.

Application surfaces

Marble, granite, terrazzo, agglomerated and engineered stones, sandstone, limestone, resin marble, concrete

Safety procedures

As far as the proper working procedures is concerned, we recommend to consult Material Safety Data Sheets issued according to E.U. rules and to follow your national laws concerning safety in the working place. MSDS is available on our web site www.bellinzoni.com

Packing

Color	Item N°	Packing	Catalyzer	Pieces for cardboard
White	038MBBL01330	1,300 kg (45,8 oz.)	30 gr (1,05 oz.)	6
Light Beige	038MBL01330	1,300 kg (45,8 oz.)	30 gr (1,05 oz.)	6
Transparent	038MTRV01030	1,000 kg (35,2 oz.)	30 gr (1,05 oz.)	6

The tins are in Steel (ACC) after use will have to be recycled according to the regulations on waste disposal. The packages are approved under U.N. directives rules for inland transport (ADR) and by sea (IMO) for transportation via air refer to local regulations (IATA). For further information regarding transport please check MSDS.

Trademark and Origin of the good

BELLINZONI® is a registered trademark of Bellinzoni company. The law considers a trademark to be a form of property and any misuse can be persecuted by law. Bellinzoni s.r.l. declares that our product MASTIC BLITZ is MADE IN ITALY.

Interactive video



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