



GLAZE PLUS

TECHNICAL DATA SHEET

SUPER MASTIC

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DESCRIPTION

Two pack super mastic for marble and stone, based of unsaturated polyester resins. It hardens quickly after adding its hardener. It has good adhesive power and it is perfectly transparent and thanks to its fluidity, it penetrates into the hollowness and porosity of the stone. After hardening, it can be worked as the stone. It can be coloured by using Bellinzoni colour paste tubes and colour oxide powders. It is resistant to most of the chemicals such as oils, fats, detergents, solvents etc.

CHEMICAL CHARACTERISTICS

COLOURED

SOLID for VERTICAL	LIQUID for FILLING
Appearance: Tixotropic Paste	Appearance: flowing
Color: See color chart	Color: See color chart
Odor: Characteristic	Odor: Characteristic
Specific gravity at 20°C (68°F): 1,65 ± 0,01	Specific gravity at 20°C (68 F): 1,76 ± 0,01
Hydro-solubility: Not soluble	Hydro-solubility: Not soluble
pH: N.D.	pH: N.D.

TECHNICAL DATA SHEET (TDS)



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Resistance to Tension ASTM D 638 (*):	Resistance to Tension ASTM D 638 (*):
Tensile modulus: MPa 6950 ± 768	Tensile modulus: MPa 5200 ± 479
Tension at break: MPa 26.6 ± 1.7	Tension at break MPa 32.5 ± 2.1
Deformation at break: $0,4 \pm 0,1$ %	Deformation at break: $0,6 \pm 0,1$ %
Resistance to Flexion ASTM D 790 (*):	Resistance to Flexion ASTM D 790 (*):
Tensile modulus: MPa 7580 ± 150	Tensile modulus: MPa 6300 ± 320
Tension at break: MPa $54,4 \pm 3,4$	Tension at break: MPa $54,5 \pm 4,5$
Deformation at break: $0,9 \pm 0,1$ %	Deformation at break $1,1 \pm 0,1$ %
Catalisys ratio: 2-3% in weight	Catalisys ratio: 2-3% in weight
Gel time: 20-30 minutes	Gel time: 20-30 minutes

Storage at 20°C away from heat, moisture, sunlight 12 months in original packaging

TRANSPARENT

SOLID for VERTICAL	LIQUID for FILLING
Appearance: liquid & Solid	Appearance: Liquid & Solid
Color: White, Cream, Beige	Color: White, Cream, Beige
Odor: Characteristic	Odor: Characteristic
Specific gravity at 20° C (68° F): $1,10 \pm 0,01$	Specific gravity at 20° C (68° F): $1,10 \pm 0,01$
Hydro-solubility: Not soluble	Hydro-solubility: Not soluble
pH: N.D.	pH: N.D.
Resistance to Tension ASTM D 638 (*):	Resistance to Tension ASTM D 638 (*):
Tensile modulus: MPa 2600 ± 323	Tensile modulus: MPa 2400 ± 359
Tension at break: MPa $29,6 \pm 2,0$	Tension at break: MPa $33,5 \pm 2,0$
Deformation at break: $1,9 \pm 0,1$ %	Deformation at break: $1,9 \pm 0,1$ %
Resistance to Flexion ASTM D 790 (*):	Resistance to Flexion ASTM D 790 (*):
Tensile modulus: MPa 2570 ± 74	Tensile modulus: MPa 2570 ± 74
Tension at break: MPa $69,5 \pm 7,8$	Tension at break: MPa $67,5 \pm 7,2$
Deformation at break: $3,3 \pm 0,5$ %	Deformation at break: $3,4 \pm 0,1$ %
Catalisys ratio: 2-3% in weight	Catalisys ratio: 2-3% in weight
Solid time: 20-30 minutes	Solid time: 20-30 minutes

Storage at 20°C away from heat, moisture, sunlight 12 months in original packaging

COLORS AVAILABLE



1. WHITE



2. CREAM



3. BEIGE

INSTRUCTION FOR USE

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 (Travertine) we suggest to make a second application.

SUGGESTION FOR USE AND RECOMMENDATIONS

- 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

When applying the product, always use suitable personal protective equipment and follow the product safety data sheet instructions with care.

PACKAGING

Item	Packing	Catalyzer	Places for cardboard
Super Mastic	1.25Kg	30g	6

TECHNICAL SUPPORT

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