



TECHNICAL DATA SHEET

MASTIC GLOW

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DESCRIPTION

Mastic Glow is a two-component super mastic based on unsaturated polyester resins. It is designed for marble and stone applications, hardening quickly after the addition of its hardener. This mastic offers excellent adhesive power, and its fluidity allows it to penetrate the hollows and pores of the stone. Once hardened, it can be worked like the stone itself. The product is perfectly transparent and can be colored using Bellinzoni color paste tubes or color oxide powders. It is resistant to most chemicals, including oils, fats, detergents, and solvents.

COLORS AVAILABLE

1. WHITE

2. CREAM

3. BEIGE

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.

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 ± 0,1 %	Deformation at break: 0,6 ± 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±3,4	Tension at break: MPa 54,5±4,5
Deformation at break: 0,9±0,1 %	Deformation at break 1,1±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 ± 0,01	Specific gravity at 20° C (68° F): 1,10 ± 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 ± 2,0	Tension at break: MPa 33.5 ± 2,0
Deformation at break: 1,9 ± 0,1 %	Deformation at break: 1,9 ± 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±7,8	Tension at break: MPa 67,5±7,2
Deformation at break: 3,3±0,5 %	Deformation at break: 3,4±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

Catalyst Ratio: 2-3% by weight

Gel Time: 20-30 minutes

Storage: Store at 20°C, away from heat, moisture, and sunlight.

Shelf life is 12 months in original packaging.

Instructions for Use

Preparation:

- Ensure the surface to be bonded or filled is clean, dry, and free of dust.

Mixing:

- Add 2% hardener by weight to the mastic.
- Thoroughly mix until a homogeneous mass is obtained.

Application:

- Apply the mixture with a spatula on horizontal or vertical surfaces. In colder temperatures, up to 3% hardener can be used.

After Curing:

- Once the mastic hardens (in about 2-3 hours), it can be grinded and polished. For porous materials or large holes, a second application is recommended.

SUGGESTION FOR USE AND RECOMMENDATIONS

- A catalyst higher than 4% can reduce the adhesive strength and shorten the workability time, possibly changing the color.
- Do not catalyze the entire mastic at once to avoid premature hardening.
- Low temperatures (below 5°C) or insufficient catalyst can slow down curing.
- If pigmentation is desired, add dye before adding the catalyst.
- The mastic can be worked for 3 to 15 minutes after adding the catalyst.

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
Mastic	1.5Kg	30g	6

TECHNICAL SUPPORT

Manufactured By Industrial 9-Warehouse, Behind Shirawi Enterprise, Ras Al Khor Industrial Area 2, Dubai, UAE

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