

TECHNICAL DATA SHEET

MASTICE 2000

PRODUCT DESCRIPTION

Two-component unsaturated polyester mastic adhesive specifically formulated for bonding, filling, and repairing marble, limestone, travertine, and other porous natural stones. The easy-to-mix formulation offers excellent workability and smooth application, ensuring strong adhesion to the stone while effectively filling pores, cavities, chips, and surface imperfections. Once catalysed, the product cures rapidly to form a durable bond that can be easily sanded, machined, and polished to achieve a seamless finish. Product can be pigmented using our POLYBEL polyester colour pastes to accurately match the colour of the stone. The cured adhesive provides good resistance to water, oils, greases, detergents, and common household solvents. Available in both liquid (flowing) and Solid (knife-grade) formulations for both horizontal and vertical applications.

APPLICATION SURFACES

Indicated for marbles, porous stones, granites and marbles.
Internal and external use.

CHEMICAL AND PHYSICAL PROPERTIES

ASPECT:	SOLID / LIQUID	FLEXURAL STRENGTH:	11.0N/mm ²
APPEARANCE:	Thixotropic	COMPRESSIVE STRENGTH:	39.0N/mm ²
COLOR:	See available colours	FLEXURAL STRENGTH AFTER FREEZE/THAW:	10.0N/mm ²
ODOUR:	Characteristic	COMPRESSIVE STRENGTH AFTER FREEZE/THAW:	35.0N/mm ²
DENSITY AT 20°C :	1,65 / 1,76 $\approx$	WATER ABSORPTION TO EN12808-5 AFTER 4 HOURS:	0.1g
SOLUBILITY:	Insoluble	WATER ABSORPTION TO EN12808-5 AFTER 30 MIN:	0.05g
STORAGE AT 20°C :	24 months in original packaging	ABRASION RESISTANCE LOSS OF MM3 TO EN12808:	300



HOW TO USE

ALWAYS TEST PRODUCT FIRST following the below indications, before proceeding with complete product application. Ensure that surfaces to be treated are completely dry and clean, free of dirt, dust, grime and surface incrustations.

Manual application:

1. Add 2% Part B paste hardener (dibenzoyl peroxide) to Part A (mixing ratio 100:2 by weight) and mix thoroughly until a smooth, homogeneous paste is obtained. If colouring the adhesive with POLYBEL polyester colour paste, first add the required amount of colour to Part A and mix thoroughly before adding the hardener.
2. Apply the mixed adhesive using a spatula, ensuring even coverage of the surfaces to be bonded or repaired. Press the parts together firmly or fill the cavities as required.
3. Allow the product to cure completely before sanding, machining, or polishing. At 20 °C, the approximate gel time is 6–8 minutes. Curing time may vary depending on ambient temperature, the amount of hardener used, and the volume of the mixed product.

Notes: During colder periods, it is possible to increase part B up to 3%. Adhesive and surface can be polished after 2 hours. Product can be coloured using our specific pigment POLYBEL. (approx. 1% of colour). Do not exceed 2% pigment by weight. Excessive pigmentation may adversely affect curing, mechanical strength, and adhesive performance. Approximate product workability at 20°C is 3 – 15 minutes. Ideal for rodding granite/marble and other stones. (all types of fiberglass rodding). Maintain product in its original container/packaging. Clean tools using Acetone.

RECOMMENDATIONS

Do not exceed 4% hardener, as excessive catalyst may adversely affect the adhesive's mechanical properties, working time, and colour stability. Mix small quantities per time. Do not put unused glue back in the can. Polyester resins can be used for external applications, however subject to different atmospheric conditions, product may lose over time its chemical and mechanical characteristics. Using less than 1% hardener or using product in cold conditions (under 5°C), will slow down the hardening process. Room and surrounding temperatures are an important factor when using mastics. Products characteristics may vary based on temperature. Before use, read completely product label, technical data sheet and safety data sheet.

COLOUR CHART

B00 TRANSPARENT, B01 WHITE, B02 LIGHT STRAW, B03 STRAW, B04 DARK STRAW, B06 CARNIC GREY, B07 LIGHT GREY, B08 GREY 7035, B09 VERONA RED, B10 BALSALTINA GREY, B11 GREEN, B12 BLACK, B13 FOG WHITE, B14 IVORY

PACKAGING

Available in the following sizes:

Transparent solid / liquid 750 ml, 4 kg, 18 kg.

Coloured B02 -B03 -B04 STRAW 750 ml, 6 kg, 25 kg.

All other colours 750 ml, 6 kg, 25 kg.

Company with quality system



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ATTENTION: Read completely the product label before proceeding with product use. Maintain product in its original container/packaging. Do not disperse packaging in the environment and dispose of separately in accordance with local regulations. Keep out of the reach of children. Always test product first on a small hidden area so to verify final results and product compatibility with material. Product may darken and change the original colour on certain materials. Product does not protect from acid-based substances. While using the product wear indicated protective PPE and clothing and read completely the safety data sheet before use.

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