

OVERVIEW & BENEFITS:

Tenax Trasparente is a high-performance transparent polyester mastic, formulated for bonding, repairing, and laminating natural and engineered stones. It offers strong adhesion, fast curing, and excellent workability, ensuring seamless and invisible joints in stone applications. Recommend for indoor applications.



KEY FEATURES:



Transparent Formula

Provides invisible bonding, ensuring that the natural stone aesthetics remain unchanged.



Fast Curing

Gel time of 6-9 minutes at 25°C, allowing for quick processing and efficient workflow.



Versatile Use

Perfect for crack filling, laminations, stone reinforcements, and decorative applications.



Strong Adhesion

Creates durable and reliable bonds with marble, granite, quartz, and engineered stone surfaces.



Smooth Application

Easy to spread and manipulate, making it ideal for precise bonding and repairs.



Professional Finish

Can be polished and sanded after curing for a flawless surface appearance.

APPLICATION PROCESS:

Surface Preparation

- Clean the surface thoroughly to remove dust, grease, or moisture.
- Ensure the surface is dry and free of residues for maximum adhesion.

Mixing for Proper Consistency

- Take the required amount of mastic and add 2-3% hardener paste and mix thoroughly until the consistency is uniform.
- If color adjustment is needed, add a small amount of tinter to the mastic before mixing in the hardener.
- Blend thoroughly until the color is uniform-avoid over-tinting, as excessive pigment can alter adhesion.

Application Technique

- Apply a thin, even layer of the mastic using a spatula or spreader.
- If bonding stone surfaces, press firmly to ensure maximum adhesion.
- Smooth out the glue to eliminate air bubbles and achieve a seamless finish.
- Avoid over-application, as excess material may affect drying time and polishability.

Curing & Final Finishing

- Allow the glue to set and harden under appropriate temperature conditions.
- Once cured, the surface can be polished and sanded for a refined finish.

TECHNICAL DATA:

Property	Value
Viscosity cps 25°C 20 r.p.m (ASTM D2196)	Thixotropic paste
Density at 25°C (g/cm ³)	1.1
Appearance (Part A)	Yellowish paste
Appearance (Part B - Hardener)	White Paste
Mixing Ratio (Mastic: Hardener)	100:3 by weight
Gel time (bulk) at 25°C (min)	6-9
Tacky free in thin layer at 25°C (min)	25
Working time suggested at 25°C (min)	65-75

Tensile Test ASTM D638	
Tensile strength (kg/cm ²)	>50
Adhesion Test ASTM D4541	
Adhesion force at 25°C marble botticino polished after 24 hours (N/mm ²)	>4.0

COVERAGE:

Application type	Coverage Per Kg
Stone joint filing	150-200 running ft.

Note: Coverage may vary depending on joint size and stone thickness. For accurate estimation, consider the dimensions of the joints and the type of stone being used.

AVAILABLE SKU:

1.0 Kg

RECOMMENDED USAGE:

SOLIDO TRASPARENTE works well on various types of stone, including marble, granite, quartz, travertine, and engineered stone.



Marble & Onyx

Ideal for repairs and bonding; provides a glossy, invisible finish.



Granite & Quartz

Offers strong adhesion; great for structural bonding.



Travertine & Limestone

Works well for filling porous surfaces; enhances durability.



Engineered Stone

Effective for laminating slabs; ensures stability.

DO'S AND DON'TS:

Category	Do's	Don'ts
Application Area	Use for bonding and filling natural stones, marbles, and granites.	Don't use on non-porous or synthetic surfaces without prior testing.
Surface Prep	Ensure the surface is clean, dry, and free from dust or grease.	Don't apply on wet or contaminated surfaces.
Usage	Mix thoroughly before use for uniform color and consistency.	Don't apply excessive quantities or allow pooling.
Drying	Allow proper curing time as per manufacturer's instructions.	Don't expose to water or heavy load before full curing.
Testing	Perform a patch test on a small area before full application.	Don't skip testing on sensitive or decorative stones.
Conditions	Apply in well-ventilated, dry conditions at recommended temperature.	Don't apply in direct sunlight, rain, or high humidity.

SHELF LIFE:

The product will last at least 12 Months in the normal condition between 18-25°C, kept away from source of heat, humidity and sun light