

OVERVIEW & BENEFITS:

Tenax Thassos Tropical is a high-viscosity, thixotropic glue specifically designed for gluing and repairing white marbles, such as Thassos and Carrara. Its gel-like consistency prevents dripping, making it ideal for vertical applications. The glue provides a strong and durable bond, ensuring seamless repairs while maintaining the natural beauty and shine of marble. For indoor application.



KEY FEATURES:



High Thixotropic Nature

This means it has a gel-like consistency that prevents it from running, making it ideal for vertical applications.



Polishable Finish

Once hardened, it can be polished to match the marble's natural shine.



Extra clear Appearance

The glue is extra clear in nature, making it suitable for seamless joints.



Excellent Spreadability

The glue is soft and easy to apply, ensuring smooth coverage.



Smooth Application

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

APPLICATION PROCESS:

Surface Preparation

- Ensure the marble surface is dry, clean, and free from dust or grease for optimal adhesion.

Mixing for Proper Consistency

- Add 2-3% liquid catalyst, mix thoroughly until you achieve a smooth, uniform consistency. The right proportion Hardener ensures proper curing.
- If color adjustment is needed, add a small amount of tinter to the mastic before mixing in the hardener. For best result use Tenax colorant.

Application Technique

- Use a spatula or knife to spread the glue evenly across the surface. Avoid air pockets to ensure strong bonding.

Curing & Final Finishing

- Allow the glue to harden naturally before polishing. This helps maintain durability and seamless joints.
- Once cured, polish the surface to blend with the marble's natural texture.

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)	Clear/Ice like paste
Appearance (Part B - Hardener)	Clear liquid
Mixing Ratio (Mastic: Hardener)	100:3 by weight
Gel time (bulk) at 25°C (min)	6-10
Tacky free in thin layer at 25°C (min)	1 Hr 30 mins-2 Hrs
Working time suggested at 25°C (min)	2 -3 Hrs

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

RECOMMENDED USAGE:

Thassos Tropical - Best for bonding, repairing cracks, and filling joints while maintaining the stone's natural brightness.



Carrara & Statuario Marble

Works well for seamless joint filling and surface restoration.



Onyx & Semi-Transparent Stones

Effective, but color matching is crucial due to the stone's translucency.



Travertine & Limestone

Useful for surface filling, though additional reinforcement may be needed.

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

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.	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.



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