

## OVERVIEW & BENEFITS:

Tenax Liquido color Mastic is a medium-viscosity liquid glue designed for bonding and repairing marble and stone surfaces. It offers excellent polishability and sanding properties, ensuring a smooth and durable finish. The product is formulated with low shrinkage and strong adhesion, making it ideal for horizontal applications. Only for internal applications purposes.



## KEY FEATURES:



### Strong Bonding

Provides high adhesion for marble and stone.



### Polishable & Sandable

Ensures a smooth, professional finish after curing.



### Cold Reactivity

Works effectively even in low-temperature conditions.



### Customizable Color

Can be tinted using polyester coloring pastes.

## 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.
- For color customization, add polyester coloring pastes before mixing with the hardener.

### Application Technique

- Apply evenly using a spatula, ensuring a thin and uniform layer.
- Avoid over-application, as excess material may affect drying time and polishability.

### Curing & Final Finishing

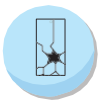
- Allow the glue to set and harden under appropriate temperature conditions.
- Once cured, the surface can be polished and sanded for a refined finish.

## TECHNICAL DATA:

Property	Value
Viscosity (cps) at 25°C, 20 r.p.m (ASTM D2196)	15000-19000 cps
Density at 25°C (g/cm <sup>3</sup> )	1.7
Appearance (Part A)	Coloured liquid paste
Appearance (Part B - Hardener)	White Paste
Mixing Ratio (Mastic: Hardener)	100:3 by weight
Gel time (bulk) at 25°C (min)	3-4
Tacky free in thin layer at 25°C (min)	15-20
Working time suggested at 25°C (min)	60-80

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

## RECOMMENDED USAGE:



### Marble

Ideal for filling cracks and bonding surfaces.



### Granite

Provides strong adhesion for repairs and joint filling



### Natural Stones

Works well with various types of natural stone materials.



### Other Natural Stones

Can be used for restoration and bonding

## COVERAGE:

Material Type	Coverage Per Kg
Stone joint filing	100-150 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:

250 gm, 500 gm & 1.35 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 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 direct sunlight, rain, or high humidity.

## SHELF LIFE:

The product will last at least 10 Months in the normal condition between 18-25°C, kept away from source of heat, humidity and sun light.



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