

## OVERVIEW & BENEFITS:

Tenax Resina T8 is a transparent, low-viscosity, extra-clear polyester resin designed for gluing and filling coloured stones. It enhances the strength of the stone during the resining process, preventing damage and improving polishing efficiency to achieve a uniform glossy finish.

This resin is ideal for creating a filled-transparent effect on stones such as travertine and helps prevent dust accumulation, ensuring a cleaner and more refined surface.



## KEY FEATURES:



### Crack Repair & Filling

Used as a transparent mastic for repairing cracks, holes, and gaps in marble and other natural stones like Carrara and travertine.



### Grouting & Gluing

Ideal for grouting joints and bonding colored marble.



### Horizontal Applications

Its flowing nature makes it suitable for laminating horizontal surfaces of marble and similar stones.



### Porous Stones

Works well on porous stones such as travertine, providing a filled-transparent effect.

## APPLICATION PROCESS:

### Surface Preparation

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

### Mixing

- Remove the required amount of resin from the container and add the necessary hardener. Mixing ratio: 100 parts resin to 3 parts hardener.
- If color adjustment is needed, add a small amount of tinter to the resin before mixing in the hardener. For best result use Tenax colorant.

### Application Technique

- Stir thoroughly and use a spatula or knife to spread the resin evenly across the surface. Avoid air pockets to ensure strong bonding. Do not return unused resin to the container.
- Keep resin and hardener away from sunlight.
- Surface can be polished after 80-90 minutes depending on ambient temperature.

## TECHNICAL DATA:

Property	Value
Viscosity (25°C, 20 rpm)	300-400 cps
Density at 25°C	1.1 g/cm <sup>3</sup>
Appearance	Transparent/Pink liquid
Mix Ratio (Resin: Hardener)	100:2/3
Gel Time at 25°C	-25 minutes
Tack-Free Time at 25°C	Approx. 30minutes
Working Time at 25°C	Approx. 80-90 minutes
Minimum Reaction Temperature	5°C

Minimum Use Temperature After Hardening	0°C
Maximum Use Temperature After Hardening	+70°C
Shelf Life at 25°C	6 months

## RECOMMENDED USAGE:

Tenax Resina T8 is primarily recommended for the following uses:



### Crack Repair & Filling

Used as a transparent mastic for repairing cracks, holes, and gaps in marble and other natural stones like travertine.



### Grouting & Gluing

Ideal for grouting joints and bonding colored marble and stones.



### Horizontal Applications

Its flowing nature makes it suitable for laminating horizontal surfaces of marble and similar stones.



### Porous Stones

Works well on porous stones such as travertine, providing a filled-transparent effect.



### Decorative Finish

Can be mixed with pigments to achieve desired colors while maintaining a glossy, transparent finish.



### Low-Temperature Reactivity

Performs well even at low temperatures (minimum reaction temperature around 5°C).

## COVERAGE:

Application type	Coverage Per Kg
Stone joint filing	200-250 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:

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## DO'S AND DON'TS:

Category	Do's	Don'ts
Application Area	Use for repairing cracks, filling holes, and bonding marble, granite, and travertine.	Don't use on non-stone or highly flexible surfaces without prior testing.
Surface Prep	Ensure the stone surface is clean, dry, and free from dust, grease, or moisture.	Don't apply on wet or contaminated surfaces.
Mixing Ratio	Mix resin and hardener in the recommended ratio (usually 2-3% hardener by weight).	Don't add excess or insufficient hardener; incorrect ratio leads to poor bonding and curing issues.
Usage	Mix thoroughly for uniform color and consistency; apply evenly without gaps.	Don't apply excessive quantities or allow pooling, which can cause uneven curing.
Drying	Allow proper curing time	Don't expose to water, heavy load, or extreme heat before full curing.
Testing	Perform a patch test on a small area, especially on decorative or porous stones.	Don't skip testing on sensitive or high-value stones.

## SHELF LIFE:

The product will last at least 6 Months in the normal condition between 18-25°C, kept away from source of heat, humidity and sun light.



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