

OVERVIEW & BENEFITS:

Tenax Solido Coloured Mastic is a premium-quality polyester glue designed for bonding and repairing natural stone surfaces. It is formulated to provide superior adhesion, aesthetic blending, and long-lasting durability. Its pre-coloured composition makes it ideal for seamless joints, ensuring that bonded areas remain visually harmonious. Only for internal applications purposes.



KEY FEATURES:



Strong Bonding

Provides excellent adhesion to various surfaces such as marble, granite, and natural stones.



Easy Spreadability

Designed for ease of use, allowing for smooth and even application.



Customizable Color

Can be tinted using polyester coloring pastes.



Versatile Application

Ideal for bonding, laminations, crack filling, and gap repairs.

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 a thin, even layer of the mastic using a spatula or spreader.
- If bonding stone surfaces, press firmly to ensure a strong connection.
- 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

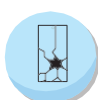
- Allow the glue to set and harden under appropriate temperature conditions.
- Once cured, the surface can be polished and sanded for a refined finish.

TECHNICAL DATA:

Property	Value
Viscosity cps 25°C 20 r.p.m (ASTM D2196)	Thixotropic paste
Density at 25°C (g/cm ³)	1.85-1.92
Appearance (Part A)	Colored paste
Appearance (Part B - Hardener)	White Paste
Mixing Ratio (Mastic: Hardener)	100:3 by weight
Gel time (bulk) at 25°C (min)	4-5
Tacky free in thin layer at 25°C (min)	25-30
Working time suggested at 25°C (min)	60-80

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:



Marble

Ideal for filling cracks and bonding surfaces.



Natural Stones

Works well with various types of natural stone materials.

COVERAGE:

Application type	Coverage Per Kg
Stone joint filing	130-170 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 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



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