



## Topxy Resin 800 SF

### Product Description

A two component low viscous liquid used to fuse natural as well as artificial stone to fill porosity, hairline crack, major crack and hole. System will also enhance the color of natural stone as well as improve gloss.

### Product uses:

- Crack filling and coating of marble and granites.
- Micro pin whole filling of Marble.
- Joint filling of two adjoining stone.
- Give a good gloss and informality to treated stone

### Properties

- Easily pigmented.
- High strength after curing.
- Excellent adhesion.
- Very good gloss property.
- UV resistant.

<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Appearance/Color</b>	Colorless
<b>Density:</b>	1.05 kg/liter
<b>Volume solids %:</b>	100 %
<b>Theoretical spreading rate:</b>	10 m <sup>2</sup> /ltr / 10 m <sup>2</sup> /kg (100 micron DFT)
<b>Consumption:</b>	0.100 – 0.150 ltr/ m <sup>2</sup> ( 100-150 g/m <sup>2</sup> )
<b>Recommended DFT:</b> <b>(Dry Film thickness)</b>	75 -100 micron
<b>Flash point:</b>	120 ° C. /248°F
<b>Open time</b>	2 hours (23°C and 50% R.H.)
<b>Surface dry:</b>	1 - 2 approx. hour(s) 23°C/73.4°F 50% R.H.
<b>Light foot traffic</b>	8-12 hours (23°C and 50% R.H.)
<b>Full cure time:</b>	7 days (23°C and 50 % R.H.)
<b>Adhesion force (concrete):</b>	2,5 N/mm <sup>2</sup>
<b>Application temperature:</b>	+8 °C/46.4° F and +35 °C/ 95°F
<b>Min. cure temperature:</b>	+10°C/50°F



## Application Details

<i>Mixing Ratio:</i>	Component A: 2 – Component B: 1 (By weight or by volume)
<i>Application method:</i>	Metal Trowel - Squeegee
<i>Pot Life:</i>	1 hours (23°C/73.4°F 50% R.H.)
<i>Thinner:</i>	Do Not Thin The Product

## Surface Preparation:

Before application of **Topxy Resin 800 SF** make stone surface well grinding and make it uniform. Hairline cracks and pinholes need to be opened with the use of sharp blades or grinding machines. Make the surface/hairline crack/hole well clean, dust free, damp free before application of the product.

## PRECEDING COAT:

Nothing

## Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm<sup>2</sup> compression resistance and minimum 1, 5 N/mm<sup>2</sup> tensile strength.
- Applications below 10°C should be avoided.
- High temperatures lower the pot life of the product, while low temperatures extend cure time and consumption.
- Be careful about product mixing ratios.
- The surface should be protected from moisture and rain for 4-6 hours after application.
- All application tools and equipment should be cleaned with thinner immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a Temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
- The natural tendency of epoxy coatings to chalk in outdoor exposure.

## Shelf life & Storage:

24 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

## Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## Mixing:

Before mixing with the curing agent, stir the base thoroughly in order to prevent any possible settling after storage. After mixing it is equally important to maintain stirring to keep the wet paint as a Homogeneous mixture.



***Legal Notice:***

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