



CRYSTAL CLEAR EPOXY

PRODUCT DESCRIPTION

Crystal Clear Epoxy is 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 colour of natural stone as well as improve gloss.

Part A : Resin

Part B : Hardner

USES

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

FEATURES & BENEFITS

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

SUITABLE SURFACE

- Marble
- Granite

- Natural Stone

SURFACE PREPARATION

Before application of Crystal Clear Epoxy 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 Crystal Clear Epoxy.

MIXING INSTRUCTION & APPLICATION

Mixing Instruction

Take part A of Crystal Clear Epoxy FS in a clean pale and mix it with a slow speed hand stirrer and slowly add part B of Crystal Clear Epoxy FS till the water like clear mixture obtains. Mixing ratio - 2:1 (Part A : Part B). If required pigmentation is done before mixing of part B of Crystal Clear Epoxy. Part mixing of these components is not acceptable and will affect both performance and appearance of the finished floor.

Application Process

- Take the mixed product on the surface and spread evenly with the putty blade. Thickness : 150 to 200 micron
- If required, use a second coat after 24 hour on a dry surface of the first coat.

Application Condition

- Residual moisture content of the stone substrate should not exceed 5%.
- No rising moisture & potential osmosis problems.

- Substrate temperature should be at least 3°C above dew point but not above 50°C.
- Recommended ambient temperature for application is between 10°C - 40°C.
- Relative Air Humidity (RH) to not exceed beyond 80%.

CLEANING

Required Residual traces of the product can be removed from tools with Santec Epoxy Remover before the product has hardened.

TECHNICAL DATA

Base	Part A : Epoxy Resin Part B : Epoxy Hardener
Aspect	Part A : Liquid Part B : Liquid
Colour	Part A : Clear water like Part B : Clear water like
pH	N/A
Mixing Ratio	2:1 (Part A : Part B)
Gel/Pot Time @25 °C	60-70 min
Tack Free Time @25 °C	8 to10 hour

CONSUMPTION

Marble/Granite	1 kg - 20 to 30 sq.mt.
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The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances. The coverage & consumption figures are theoretical

and do not allow for any additional material required due to surface porosity, surface profile, variations in level or wastage etc.

PACKAGING

- 1 kg
 - Part A : 0.800 KG
 - Part B : 0.400 KG

STORAGE & SHELF LIFE

Keep in a cool and well ventilated area. For best result, use within 7 days from opening to avoid possible spoilage. For product expiry information, please refer to the product packing.

ANNOTATION

- It is recommended to check the colour of the
- Always mix pigment in part A before adding part B of Crystal Clear Epoxy.
- Use a mix product in 30 min before mixing.
- Do not apply on wet surfaces.
- Always do polishing after a minimum of 24 hours of application of the product, it may take more hours in cold weather.
- Always use a good quality brush, sponge, scrubber or white cotton cloth while an application to avoid damaging the surface due to the decolorization.
- While using any tools like spray pumps, low hand pressure pumps, water jets, mixer machines, grinding machines in the application, clean the inner and outer surface of the tool to avoid any kind of damage to the surface and material to be used

HEALTH & SAFETY

Precautions

- During application wear protective clothing, gloves and eye goggles during application. Avoid products to contact eyes and skin.
- Keep out of reach of children.
- Not for internal consumption
- Apply between temp. 5°C to 35°C.
- Use only in well ventilated areas.
- Wash hands thoroughly after applying.

Accident

- Use water spray

Spillage

- Take up mechanically or with absorbent material

First Aid

- If swallowed, contact a physician.
- If in skin contact wash skin with water and remove contaminated clothing.
- If you come in contact with the eye, hold open, flood with water for at least 10 min and contact a physician.

NOTES

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COMPANY DETAILS

Corporate Office : SANTEC CHEMICAL

PRIVATE LIMITED, Malappuram, Kerala, India.

Call : +91 7247 555 666

E-mail : info@santecchemicals.com

Website : www.santecchemicals.com

For feedback or complaints, write to Marketing Manager Services on the above mentioned address.