



TECHNICAL DATA SHEET

DESCRIPTION

TEAM CC EPOXY GEL 5050 is gel type two-part **epoxy resin based adhesive**. The hardener is based on cycloaliphatic polyamine. This product has

1. High shear strength
2. Neutral color
3. Low shrinkage
4. Resistant to abrasive chemicals after curing
5. Excellent shine after polishing
6. Excellent color depth
7. Thin joints

APPLICATION

TEAM CC EPOXY GEL 5050 is used in the marble industry as an **adhesive for joining stones** both natural and artificial. Due to **excellent shear strength** this product is recommended for vertical applications.

APPLICATION PROCEDURE

Clean and dry the surfaces to be bonded. Use on moist surface does not allow proper curing of joint.

Mix both the components in **the ratio of 2:1**. The mixing should be proper. **Mix small quantities** at a time. Using more or less quantity of hardener can lead to a soft bond.

At the time of mixing color can be used to **match the stone color**. Special attention to color matching should be given when applied to white stones. In case of white stone, we recommend sealing 2 inches on each side of the joint with TEAM EPOXY PLUS 1009. This will **reduce color variation and chipping**.

This mix is workable for about 30 minutes.

The joint should be left for 24 hours before working on the joints. Colder temperature can delay the curing process. During this time **keep the joint free of dust and moisture**.



PHYSICAL PROPERTIES

COLOR:	Neutral
DENSITY:	1.12 g/cc
HARDNESS:	83 "SHORE D"
BENDING STRENGTH:	55-65 N/mm sq.
TENSIL STRENGTH:	30-40 N/mm sq.

STORAGE

Store in a cool and a dark place in air tight packing. The material is usable for 2 years.

HAZARDS

The use of safety products like gloves, glasses and mask is recommended, specially during spraying. Protect surfaces nearby not to be coated. Avoid harm to third parties. Do not inhale vapors. If used indoors then ensure proper ventilation. **Keep out of reach of children.**