



GLAZE PLUS

# Technical Data Sheet

## EPO-GEL

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## DESCRIPTION

EPO-GEL is a two component hybrid polymer / ice white transparent stone adhesive for engineered and natural stone. Ideal for invisible joints, especially on crystalline, light/white colored Stones.

EPO-GEL knife grade / ice transparent is in gel form and used for vertical applications whereas water transparent liquid used for horizontal applications.

- Perfect for seaming, laminating, chip repair bonding and rodding with all types of engineered stone and natural stone.
- Rapid hardening with 10% transparent liquid form hardener (BPO)
- UV resistant
- Resistant to freeze / thaw conditions
- Excellently polishable
- Very low in color.
- Perfect for color matching
- Easy to color with coloring pastes
- For Indoor and Outdoor applications

## APPLICATION AREAS

All type of engineered stones, marble, travertine and other natural stones.

## INSTRUCTIONS FOR USE

1. The surface to be treated must be clean, completely dry, and slightly roughened.
2. Coloring is possible by adding Glaze Plus EPO-Tint 601 coloring pastes up to max 5%.
3. The resin is mixed with hardener at the rate of 10% and applied on the surface.

4. Mix both components thoroughly. The mixture can be worked for about 3 (20°C)
5. After 15 to 35 minutes the treated parts can be further processed and transported.
6. The hardening process is accelerated by heat and delayed by cold.

## TOOLS REQUIRED FOR APPLICATION

Spatula

## TECHNICAL DATA

<b>Color</b>	Ice White Transparent
<b>Consistency</b>	Transparent / Liquid
<b>Applications</b>	Vertical / Horizontal
<b>Density at 25°C</b>	1.14 ± 0,02 gr/cm3
<b>Type</b>	Solvent based
<b>Mixing Ratio with Hardener</b>	5-10%
<b>Combination Time</b>	≈ 1 min.
<b>Gel Time</b>	1.40 kg/l mixed material
<b>Cure Time</b>	15-20 min.
<b>Max. Reaction temperature</b>	110-115°C
<b>Min. using temperature</b>	0°C
<b>Mixing time</b>	≈ 1Min.
<b>Pot Life</b>	≈ 4-7 Min.

## CAUTIONS

- In wall covering application or in case of high range of temperature changes use fixed pins or suitable supports.
- A homogeneous mixing facilitates uniform catalysis.
- The hardener rate depends of temperature and the quantity of the resin.
- An excess of hardener increases the hardening speed but weakens the adhesive seal and turn the color to yellow.
- The color of the hardened adhesive may change color in case of ultraviolet light exposure.
- Always keep the package well closed.

## SAFETY MEASURES

- Keep out of reach of children.
- Obtain special instructions before use.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Take precautionary measures against static discharge.
- Do not breathe dust/fumes/gas/mist/vapours/spray.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- If exposed: Call a POISON CENTER or doctor/physician
- If skin irritation occurs: Get medical advice/attention.
- If eye irritation persists get medical advice/attention.
- In case of fire: Use foam, carbon dioxide, dry powder or water mist for extinguishing.
- Get medical advice/attention if you feel unwell
- Keep under lock and key.
- Store in a well-ventilated place. Store in a closed container.
- Dispose of contents/container to ... [... in accordance with local/regional/national/international

**PACKAGING:** 1Kg

## STORAGE AND SHELF LIFE

Shelf life is 24 months in well-closed original container, if stored in dry place at temperature 18-25°C

## TECHNICAL SUPPORT

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