



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

Color	Ice White Transparent
Consistency	Transparent / Liquid
Applications	Vertical / Horizontal
Density at 25°C	1.14 ± 0,02 gr/cm ³
Type	Solvent based
Mixing Ratio with Hardener	5-10%
Combination Time	≈ 1 min.
Gel Time	1.40 kg/l mixed material
Cure Time	15-20 min.
Max. Reaction temperature	110-115°C
Min. using temperature	0°C
Mixing time	≈ 1Min.
Pot Life	≈ 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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