



GRIZZLY MONTAGE CRYSTAL

A TRANSPARENT, UNIVERSAL AND SUPER-FAST POLYMER CONSTRUCTION ADHESIVE WITH HIGH FINAL STRENGTH.



PRODUCT DESCRIPTION

A transparent, universal and super-fast polymer construction adhesive for interior and exterior use, with high final strength. For bonding of all kinds of objects onto all kinds of surfaces.

FIELD OF APPLICATION

Bonding: e.g. Wood, metals, (natural) stone, plastics (test in advance), ceramic, glass, cork, polystyrene foam, concrete, plaster, chipboard and many more onto all kinds of surfaces (smooth, porous, non-porous and slightly moist). All kinds of objects: Ideal for skirting boards, laths, window sills, thresholds, fascia boards, plate material, insulation material, stair steps, ceramic tiles, mirrors, polystyrene ornaments, decorative frames and borders.

Not suitable for PE, PP, PTFE and bitumen. When gluing plastics always perform an adhesion test first. Adhesion to plastics can vary depending on the type of synthetic and the quality of the plastic.

PROPERTIES

- Crystal clear
- High initial tack (600 kg/m² in 10 seconds)
- High final strength (25 kg/cm² in 6 hours)
- Super fast
- For all materials
- Suitable for all surfaces
- For interior & exterior use
- Filling
- Solvent-free
- Acid-free, odourless
- Flexible
- Correctable

- Moisture resistant
- Temperature resistant : between -40 °C and +100 °C
- Non-shrinking, 100 % adhesive

PREPARATION

Working Conditions: Only apply at temperatures between +5 °C and +40 °C.

Surface Requirements: Both parts must be solid, clean, free of dust and grease. Use of primer not required. The surface may be slightly moist.

Tools: Apply cartridge contents using a sealant gun. If necessary, use a rubber mallet to tap lightly.

APPLICATION

Coverage: With spot bonding: 5-8 m²/kg. Stripes: one cartridge issues approx. 8-15 metres of adhesive (depending on the diameter of the cut nozzle).

Directions for use:

Before using open cartridge at the top by cutting off the plastic nipple above the thread with a sharp knife. Fix the nozzle onto the cartridge and cut at an angle to the desired diameter.

Bonding and fixing: Cut the nozzle to a diameter of at least 0.5 cm. **Sealing:** Cut the nozzle at an angle to the desired joint width.

Cut the thread and assemble the nozzle. Depending on the weight of the material, apply the adhesive evenly in vertical strips or dots at intervals of between 10 and 40 cm. Always apply adhesive to the corners and along the edges. Mutual moving of materials (facade panels) can be accommodated through an adhesive thickness of 3 mm (use spacer blocks, or tape). Assemble materials with a pushing movement and press or knock firmly together. Correction is still possible. Close the cartridge properly immediately after use.

Stains/residue: Use white spirit for cleaning tools and removing wet adhesive residue. Dry adhesive residue can only be removed mechanically.

Points of attention: The following drying times are based on bonding at least one porous material and an adhesive layer of approx. 1 mm thickness. If two non-porous materials are being bonded and/or the layer of adhesive is thicker, the drying times may be substantially longer. When adhesive is applied underwater, it may turn white. Avoid lasting direct contact with UV radiation (eg. sealing applications outdoors).

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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TECHNICAL SPECIFICATIONS

100% modulus:	0.9 MPa
Chemical base:	SMP Polymer
Chemicals resistance:	Good
Cure rate:	2.5 mm/24h
Density approx.:	1.04 g/cm ³
Elasticity:	Good
Elongation of rupture:	250 %
Filling capacity:	Very good
Final bond strength:	250 N/cm ²
Final bond strength after:	4 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Hardness (Shore A):	42
Initial Bonding after:	2 hours. This might vary, based on circumstances, like materials, temperature and humidity.
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	100 °C
Mildew resistance:	Good
Moisture resistance:	Very good
Paintability:	Good
Shear strength:	250 N/cm ²
Skinover time:	30-45 minutes
Solid matter approx.:	100 %
Solvent free:	Yes
Tensile strength (N/cm ²) approx.:	150 N/cm ²
UV resistance:	Moderate
Viscosity:	Pasty
Water resistance:	Good

STORAGE CONDITIONS

Close container properly and store in a dry, cool and frost-free place.

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