



KOMBI TURBO

SUPER-FAST, TRANSPARENT DUAL-COMPONENT EPOXY ADHESIVE



PRODUCT DESCRIPTION

Super-fast, very strong and transparent dual-component epoxy adhesive.

FIELD OF APPLICATION

Super-fast, transparent two-component epoxy adhesive.
Not suitable for Polyethylene (PE), polypropylene (PP), PTFE and silicone rubber.

PROPERTIES

- Super-fast
- Very strong
- Universal
- Filling
- Resistant to temperatures between -20°C to +65°C
- (Sea)water resistant
- Chemical resistant
- Paintable after curing
- Applicable for both internal and external use
- Transparent

PREPARATION

Working Conditions: Recommended application at temperatures between +10°C and +35°C. Product cures by mixing the resin and hardener.

Personal safety: Preferably wear gloves.

Surface Requirements: The materials to be bonded must be dry, clean, free of dust and grease.

Preliminary Surface Treatment: Degrease parts to be bonded with acetone. Roughen smooth surfaces (sandpaper).

Tools: Mix the components in the double-syringe by means of the supplied mixing bowl and spatula.

APPLICATION

Coverage: Because of its very fast curing time, only suitable for small bondings which can be joined within 90 seconds.
Coverage: for 1 ml = approx 10 cm² at a film thickness of 1 mm

Directions for use:

Remove the spatula from the side of the double syringe, and the closure cap from the handle. Break the seal of the double syringe.

Inject both components in equal volume quantities in the mixing bowl. Next, mix the adhesive thoroughly for about 30 seconds with the supplied spatula until a homogenous mass is obtained. The mixture can, at room temperature (20°C), be processed for about 90 seconds. Apply adhesive immediately after mixing on both parts. Join parts immediately and press firmly. Keep in place for at least 10 minutes. Don't move during curing. The bonding is hand tight after approx. 10 minutes. Fully cured after about 1-2 hours (at 20°C).

Stains/residue: Remove wet stains immediately with warm water and soap. Cured adhesive residue can only be removed mechanically.

Advice: Some types of synthetics can not be joined such as polyethylene and polypropylene. This can be tested by holding a glowing copper wire against the synthetics. Does it smell of wax? Then you can not bond it. Use a piece of adhesive tape in order to keep the parts in place while the adhesive is curing.

Points of attention: After use close well (note: always place back the cap in the same way, due to the bonding of the cap to the double syringe). For optimum performance it is important to create a larger amount of adhesive and mix it very well. Curing time depends on the temperature. Adhesive does not cure below +5°C.

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

Chemical base:	Epoxy Resin
Chemicals resistance:	Water, oil, grease, solvents, diluted acids and alkalis
Colour:	Transparent
Consistency:	Liquid
Density approx.:	1,16 g/cm ³
Filling capacity:	Very good
Final bond strength (Alu):	10 N/mm ²
Final bond strength after:	30 min
Handling time:	10 min
Minimum application temperature:	5 °C
Minimum temperature resistance:	-30 °C
Maximum temperature resistance:	80 °C
Moisture resistance:	Good
Mixture ratio:	1:1
Paintability:	Yes
Potlife:	1,5 min
Solvent free:	Yes
UV resistance:	Good
Viscosity:	Medium viscosity
Water resistance:	Good
Water soluble:	No

STORAGE CONDITIONS

At least 24 months after date of manufacture.

Limited shelf life after opening.

Store cool, dry, frost-free, upright (nozzle upwards) and tightly closed.

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