



# ULTRA RAPIDO

## SUPER-FAST, TRANSPARENT TDUAL-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  $-20^{\circ}\text{C}$  to  $+65^{\circ}\text{C}$
- (Sea)water resistant
- Chemical resistant
- Paintable after curing
- Applicable for both internal and external use
- Transparent

### PREPARATION

**Working conditions:** Only apply at temperatures between  $+5^{\circ}\text{C}$  and  $+25^{\circ}\text{C}$ .

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

**Mixture ratio:** 1:1

**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  $1\text{ cm}^2$  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 ( $20^{\circ}\text{C}$ ), be processed for about 90. 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  $20^{\circ}\text{C}$ ).

**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  $+5^{\circ}\text{C}$ .

### TECHNICAL PROPERTIES

**Moisture resistance:** Good

**Filling capacity:** Good

### TECHNICAL SPECIFICATIONS

**Colour:** Transparent

**Viscosity:** approx. 0 mPa.s., Liquid

**Solid contents:** approx. 100 %

**Density:** approx.  $1.16\text{ g/cm}^3$

### 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.