EPOXY 5 MINUTES

TRANSPARENT AND FAST TWO-COMPONENT ADHESIVE

PRODUCT DESCRIPTION

Transparent and fast two-component adhesive. Water resistant, quick, very strong.

FIELD OF APPLICATION

Suitable for fast, strong and invisible repair of many materials, such as pottery, porcelain, glass, leather, wood, stone, metal, ceramics. Both with themselves and in combination.
Not suitable for Polyethylene (PE), polypropylene (PP), PTFE and silicone rubber.

PROPERTIES

· Fast
· Transparent
· Super-strong
· Universal, suitable for many materials
· Resistant to temperatures between -40 °C and +120 °C
· Filling
· Water resistant
· Chemical resistant
· Paintable

PREPARATION

Working Conditions: Recommended application at temperatures between +5 °C and +35 °C. Product cures by mixing the resin and hardener.
Personal safety: Preferably wear gloves.
Surface Requirements: The surface must be dry, clean and free of dust and grease.
Preliminary Surface Treatment: Degrease parts to be bonded with denatured alcohol. Roughen smooth surfaces (sandpaper).
Tools: Clean tools immediately after use with warm water and soap.

APPLICATION

Coverage: 1 ml = approx 10 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 with the supplied spatula until a homogenous mass is obtained. The mixture can, at room temperature (20 °C), be processed for about 5 minutes. Apply adhesive immediately after mixing on both parts. Join parts immediately and press firmly. The functional strength is reached after 20 min, final bonding strength after 12 h (both at room temperature).
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. 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

Bonding technique:	1-Sided application
Chemical base:	Epoxy resin
Chemicals resistance:	Water, oil, grease, solvents, diluted acids and alkalis
Colour:	Transparent
Colour after curing/drying:	Transparent
Consistency:	Liquid
Density approx.:	1,16 g/cm^3
Filling capacity:	Very good
Handling time:	20 minutes
Minimum application temperature:	5 °C
Maximum application temperature:	35 °C
Minimum temperature resistance:	-40 °C
Maximum temperature resistance:	120 °C
Moisture resistance:	Good
Mixture ratio:	1:1 by volume
Paintability:	Yes
Potlife:	5 minutes
Solvent free:	Yes
UV resistance:	Good
Viscosity:	Medium viscosity
Viscosity approx.:	24000 mPa·s
Water resistance:	Good
Water soluble:	No

STORAGE CONDITIONS

Store in tightly closed packaging in a dry, cool and frost-free place.

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