EPOXY 5 MIN

TRANSPARENT AND FAST TWO-COMPONENT ADHESIVE

PRODUCT DESCRIPTION

Transparent and fast two-component adhesive

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: Recomended 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: Mix the components by means of the supplied mixing bowl and spatula.

APPLICATION

Coverage: 1 ml = approx 10cm² at a film thickness of 1 mm
Directions for use:
Press out an equal amount of both components onto the enclosed mixing tray. Mix these two equal parts well with spatula until a mixture is obtained with a homogeneous colour. Put parts together to fit exactly without pressure. Process time approximately 5 minutes at room temperature. 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/cm³
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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