PRODUCT DESCRIPTION
Universal strong dual-component epoxy adhesive.

FIELD OF APPLICATION
Ideal for repairs to metal, ceramics, porcelain, crystal, glass, ivory, pearls, precious stones and various synthetics (polyester, bakelite, formica, rigid polystyrene and acrylic glass (Perspex®)). Not suitable for Polyethylene (PE), polypropylene (PP), PTFE and silicone rubber.

PROPERTIES
- Super-strong
- Resistant to temperatures between -30°C and +80°C
- Filling
- Water resistant
- Chemical resistant
- Paintable

PREPARATION
Working conditions: Only apply at temperatures between +5°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 by means of the supplied mixing bowl and spatula.

APPLICATION
Mixture ratio: (by volume) 1:1 (other mixing ratios possible)
Coverage: 1 ml = approx. 1 cm² at a film thickness of 1 mm

Note: This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.
PLUS ENDFEST

Chemical base: binder: epoxy resin; hardener: aliphatic amines
Bonding technique: Wet adhesion
Viscosity: B: 40.000; H: 30.000 mPa.s.
Solid contents: approx. 100 %
Density: approx. binder: approx. 1,2; hardener approx. 0,96 g/cm³

STORAGE CONDITIONS
Store cool, dry, frost-free and tightly closed.

CURE TIMES
Dry/Cure time: approx. See chart:

**TECHNICAL PROPERTIES**

**Temperature resistance:** Between -40 and +100°C (dependent on material and construction; higher temperatures may also be possible - see chart). Temperatures should not exceed 200°C either during hardening or when the assembly is subsequently put under pressure, as this would affect firmness and the stability of the substance. UHU PLUS ENDFEST 300 is resistant to ageing and weathering. The adhesive is not affected by even extremely low temperatures. At temperatures below –60°C, resistance to combined tension and shearing is reduced to approximately 75-80% of the value measured at room temperature; if the samples are heated up to room temperature once more, the original bond strength is also regained.

**Chemicals resistance:** many solvents, oil, dilute acids, alkalis and many solvents. Moisture, dilute acids and alkalis have very little effect on bond strength, even in the event of lengthy exposure. No universally valid data can be given as there are always many factors, such as the possibility of corrosion, duration of exposure and temperature, that affect the assembly. Some solvents, such as methylene chloride and trichloroethylene (Warning! Precautions must always be taken when using these substances!), soften the adhesive over a period of time. This effect can be made use of for dissolving adhesive joins.

**TECHNICAL SPECIFICATIONS**

Appearance: binder: opaque; hardener: honey coloured

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