



POWER EPOXY Universal 5 Minutes

- Multipurpose, Fast, Transparent Repair adhesive.
- Ideal for Glass.
- Does not shrink, nor expand, when curing.
- Good resistance to water, oil and common solvents.

DESCRIPTION

LOCTITE POWER EPOXY Universal 5 Minutes: Reactive, two component, solvent-Free, epoxy based adhesive, in mini syringe format.

Cured adhesive can be sandpapered, polished, drilled, machined and coated.

SCOPE

Fast bonding and restoring of most materials such as glass, fiberglass, cork, wood, ceramics, metals, plastics (except plastics such as PP, PE, Teflon[®] etc...), stone, marble, concrete...

INSTRUCTIONS OF USE

- **Surface preparation:** Surfaces to be bonded must be dry, dust- and oil-free.

Roughen surfaces wherever possible.

- **Mixing ratio:** 1/1 in volume. Press piston and mix with spatula.

Mix both components uniformly with a Spatula.

- **Application of product:** Spread the mixture of both components on one of the surfaces and join these together. **Maximum application time is 3 min after mixing (at 20-25°C).**

CHARACTERISTICS

Before curing:

Technology:	Fast Epoxy High Performances.
Color (Part A , Part B):	Transparent / Transparent.
Specific weight (Part A , Part B):	1,16 g/ml , 1,10 g/ml.

During Mixing and Curing (at 20-25°C):

Application time:	Maximum 3 minutes after mixing.
Handling time:	15 minutes after application.
Curing time:	Stress can be withstood after 6h. (totally cured: 24h).

Curing can be speeded up by increasing temperature (up to 70°C).

At temperatures below 15°C curing is slowed down.

Cured Adhesive:

Color:	Transparent.
Specific weight:	1,13 g/ml.
Shear strength (EN 1465), 24 h, 23 °C:	Approx. 130 kg/cm ² (steel/steel).
Service temperature*:	Service temperature ranges from -30 to +150°C.

*Bonded parts under high stress should not be exposed to temperatures higher than 70°C.

LOCTITE POWER EPOXY Universal 5 Minutes.

PACKAGING

25 ml Syringe.

STORAGE CONDITIONS

Product should be stored at a temperature between 10 °C and 30 °C.

Storage time: 3 years if kept closed in its original container, under the above mentioned conditions. After this time, product may still be suitable for use, but it is recommended to check it or to ask our Technical Service.

WARNINGS

Use ethanol, or any other universal solvent to clean the product remains before they harden. Once it has hardened it can only be mechanically removed, using a scraper.

We recommend strongly to our user customers, to consult and follow the information (technical, safety, environment,) appearing on the blister pack of this product.

Do not hesitate to contact our technical service for further information.

CONTACT US

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OUR OTHER PRODUCTS

LOCTITE POWER EPOXY Mini Universal	Syringe
LOCTITE POWER EPOXY Instant Mix 5 Minutes	Syringe + Static mixer
LOCTITE POWER EPOXY Instant Mix 1 Minutes	Syringe + Static mixer
<i>LOCTITE POWER EPOXY Universal 5 Minutes</i>	<i>Syringe</i>
LOCTITE POWER EPOXY Universal 5 Minutes	Tube
LOCTITE POWER EPOXY Extra Time Tube	Tube
LOCTITE POWER EPOXY Metal 5 Minutes	Syringe
LOCTITE POWER GLUE Repair Extreme	Tube
LOCTITE Repair Putty	Co-Axial Putty

Technical Data Sheet. Version 12 Feb 2010



Important,

This Technical Data Sheet is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must verify by themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.



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