

TECHNICAL DATA SHEET



EPOXY RESIN ADHESIVES Two-component



Repair adhesive

WIKO EPOXY TRANSPARENT 5

New formulation - especially transparent

WIKO EPOXY ADHESIVES are fast-curing solvent-free 2-component systems that enable a wide range of applications in manufacturing, assembly and repair. Joints of different materials are guaranteed, which are characterized by high tensile and impact strength as well as excellent peel and shock resistance.

WIKO EPOXY TRANSPARENT 5 is suitable for optically demanding bondings and is therefore an ideal composite material for a wide variety of do-it-yourself applications. The optimized formulation is completely transparent even with thick layers (over 1 cm).

- Universal bonding of a wide variety of material combinations
- Tensile and impact resistant
- Can be sanded and painted over
- Rapid hardening
- Solvent-free
- High chemical resistance

Technical properties uncured product

Chemical basis:	Epoxy resin
Colour (mixed):	Clear/colourless
Viscosity ¹ [mPas]:	5.000 - 10.000
Density ² [g/ml]:	1,1-1,2
Mixing ratio:	1:1
Processing time [min]:	3-5
Processing temperature [°C]:	Optimal at +25

1) At 25 °C, Brookfield Viscometer

2) Measured according to DIN 53217, part 2 density sphere model 475 / III

Sizes / article number

25 ml twin-syringe	EPOT5.S25
50 ml double cartridge	EPOT5.K50
400 ml double cartridge	EPOT5.K400
Set - 2 x 50 g bottle	EPOT5.Set50
Set - 2 x 100 g bottle	EPOT5.Set100

Curing

Hand strength after [min]:	approx. 20
Final strength after [h]:	15

Accessories / article number

WIKO industrial quick cleaner	AISR.D400
400 ml spray can	

Technical properties hardened product

Tensile shear strength ¹ [N/mm ²]:	25
Temperature range [°C]:	-40 to +120

1) Tested to GLUETEC AA-310

Storage & Durability

The shelf life is, at the optimum storage temperature of +10 °C to +25 °C in the closed original container, a maximum of 12 months. A higher storage temperature leads to a significantly lower durability. The storage temperature must not fall below +10 °C.

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Properties (single components)

	Resin A	Hardener B
Colour:	colourless/transparent	colourless
Viscosity ¹⁾ [mPas]:	20.000-40.000	15.000-35.000
Mixing ratio A:B (volume):		1 : 1
Mixing ratio A:B (weight):		1 : 1
Density ²⁾ [g/ml]:	1.15	1.16

1) At 25 ° C, Brookfield viscometer

2) Measured according to DIN 53217, part 2 density sphere model 475 / III

Information about application

The metal surfaces to be repaired must be free from oil, grease, dirt or other contaminants. The substrate pretreatment influences the quality of the repair. Use the degreaser product WIKO industrial quick cleaner for this purpose. Then completely fill in the gap between the two parts with the product, then assemble the parts and close them completely. Do not move after the start of the curing process. Before use, allow the product to cure completely for 24 hours. Before using the product, please refer to the safety data sheet. There are differences in the pretreatment for each surface to be repaired. Please feel free to contact us for application questions.

Note:

Please note the information and notes in our respective safety data sheets. The data contained herein are for informational purposes only and are believed to be accurate to the best of our knowledge. We assume no liability for the results. For optimum functionality of the adhesive system, please only use the cartridge and mixer systems tested and released by GLUETEC. The product is only suitable for professional and experienced users. It is the user's own responsibility to take precautions to protect property and people from the hazards that may be encountered in handling and using these products. Accordingly, GLUETEC specifically disclaims any warranty, expressed or implied, including any warranty or suitability commitments for a particular purpose. In particular, GLUETEC disclaims all liability for consequential or indirect damages of any kind.