



Epoxy Minute Adhesive Fast-Metal Minute Adhesive

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General product description

WEICON Epoxy Minute Adhesive and WEICON Fast-Metal Minute Adhesive are fast-curing two-component epoxy adhesives for bonding of almost all materials to themselves and among each other, e.g. metals, glass, stone, ceramics, wood and most plastics. The correct mixing ratio of resin and hardener (1:1) is guaranteed by the practical twin syringe.

The cured adhesive provides

- high tensile and impact strength
- good resistance against water, oils and most chemicals



The products should be used at room temperature (approx. +20°C). The adhesive even cures at +5°C, in this case a longer cure time must be taken into account.

Depending on the amount, the mixture has a pot life of 3-6 minutes. After 15-20 minutes the bond joints will have reached handling strength. The influence of heat reduces the cure time.

Epoxy Minute Adhesive

This adhesive hardens to a transparent, elastic joint and is ideal for

- quick repairs
- bonds in small series
- works in construction and assembly
- applications where an automatic mixing and dosing system (for example WEICON Easy-Mix) is not economical.

Fast-Metal Minute Adhesive

This steel-filled adhesive has an extremely high adherence.

Due to its high viscosity (non-flow consistency), the adhesive not only can be applied on vertical surfaces, it also fills cracks, blowholes and uneven parts. It is also ideal for repairs dissimilar materials with larger gaps to be filled.



The cured adhesive may be machined, e.g. by

- grinding
- filling
- milling, etc.

WEICON Fast-Metal Minute Adhesive is temperature resistant from -35°C up to +145°C.

Technical Data

Product	Epoxy Minute Adhesive	Fast-Metal Minute Adhesive
Colour Resin	transparent	grey
Hardener	transparent	black
Viscosity	7.000	750.000
Specific weight g/cm ³	1,14	1,80
Content	24 ml	24 ml
Mixing ratio	1:1	1:1
Pot life	3-4 minutes	4-6 minutes
Temperature resistance after 24 hours at +20°C	-35°C up to +80°C	-35°C up to +50°C
after 24 hours at +100°C		up to +145°C
after 7 days at +20°C		up to +120°C
Tensile shear strength to DIN 53283 on steel	N/mm ²	
after 15 minutes	1	1
after 1 hour	10	10
after 3 days	22	25
Shelf life at room temperature (18-25°C)		
original, unopened	18 months	18 months