

Fast-Metal Minute Adhesive



high-temperature resistant | gap-filling | fast-curing

WEICON Fast-Metal Minute Adhesive is a 2-component epoxy resin system specifically developed for repairs and bonding applications where larger tolerances need to be bridged. Thanks to its gap-filling properties, the adhesive is suitable for rough and poorly fitting surfaces and fills cracks, cavities and uneven areas.

Fast-Metal Minute Adhesive is resistant to temperatures up to +180 °C and offers extremely strong adhesion even on vertical surfaces. The system is highly-filled, pasty, has a very short pot life and cures quickly. It allows for impact-resistant bonds with high tensile and impact strength. WEICON Fast-Metal Minute Adhesive can be used on numerous materials such as metal, plastic, fibre-reinforced materials, ceramics, glass, stone and wood.

The adhesive can be used in many areas of industry, in crafts and for demanding DIY projects.

Characteristics

Base	Epoxy	
Filler	highly filled	
Texture	pasty, gap-filling	
Colour	grey	
Minimum shelf life	at room temperature	18 mon.
Processing		
Processing temperature	+15 °C to +40 °C	
Component temperature	>3°C above dew point	
Cure temperature	+6 °C to +40 °C	
Relative air humidity	max. 85%	
Mixing ratio by volume	1:1	
Viscosity of the mixture	at +20 °C	55.000 mPa·s
Density of the mixture	1,8 g/cm³	
Gap bridging up to max.	4 mm	

Note

The specifications and recommendations given in this technical data sheet must not be seen as guaranteed product characteristics. They are based on our laboratory tests and on practical experience. Since individual application conditions are beyond our knowledge, control and responsibility, this information is provided without any obligation. We do guarantee the continuously high quality of our products. However, own adequate laboratory and practical tests to find out if the product in question meets the requested properties are recommended. A claim cannot be derived from them. The user bears the only responsibility for non-appropriate or other than specified applications.

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Storage

WEICON epoxy adhesives should be stored in a dry place at room temperature. Unopened containers can be stored at temperatures from +18 °C to +25 °C. Protect from direct sunlight. Failure to observe these storage instructions will reduce the shelf life to 6 months. Epoxy resins generally tend to crystallise at temperatures below +5 °C. This effect is increased by large temperature fluctuations, e.g. during transport especially in the winter months. This has a negative impact on processing, curing and technical data, can, however, be reversed by heating the product (up to max. +50 °C, no open flame). In WEICON epoxy adhesives, crystallisation is reduced by the careful choice and combination of base resins (bisphenol A and F).

Scope of delivery

Adhesive

Accessories

10024313 Surface Cleaner, 400 ml, transparent

Conversion table

(°C x 1.8) + 32 = °F	Nm x 8.851 = lb·in
mm/25.4 = inch	Nm x 0.738 = lb·ft
µm/25.4 = mil	Nm x 141.62 = oz·in
N x 0.225 = lb	mPa·s = cP
N/mm² x 145 = psi	N/cm x 0.571 = lb/in
MPa x 145 = psi	kV/mm x 25.4 = V/mil

Available sizes

10007785 Fast-Metal Minute Adhesive, 24 ml, grey
10058777 Fast-Metal Minute Adhesive, 24 ml (Set), grey

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