

Liquimate 2K Power Adhesive

DESCRIPTION

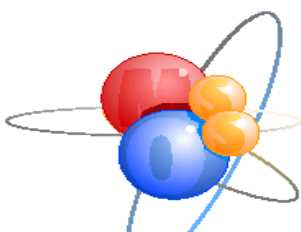
2K Power Adhesive is a high-strength, two-components methyl acrylate adhesive for permanent high-performance adhesions of various materials (e.g. steel, aluminium, metals, heat-deformable plastics, composite materials ABS, acryl, PVC, GFK, PC, PET, PU etc.) with each other. The fast-curing adhesive is extremely shock-proof and peel-proof and can be processed in any manner. It is gasoline-, oil-, mild acid- and alkali-resistant. 2K Power Adhesive is characterised by the combination of high strength and rigidity. It is very versatile and can be used for a wide range of different materials.

PROPERTIES

- Mixing ratio of 1:1, not runny and not thixotropic
- Excellent shearing, peeling and shock resistance
- Not runny
- Cures at room temperature
- Gasoline-, oil-, mild acid- and alkali-resistant
- Weather- and humidity-resistant after complete curing

TECHNICAL DATA

	Comp.A	Comp.B
Colour	: white	accor. to specification
Form	: paste-like	liquid
Smell	: characteristic	characteristic
Density at 20 °C	: 0.96 g/ml	0.945 g/ml
Mixing ratio	: 1:1	
Processing temperature	: +18 °C up to +26 °C	
Processing time	: 4 to 6 minutes	
Fixing time	: 12 to 15 minutes	
Functional curing	: 1 to 3 hours	
Complete curing	: after 24 hours	
Tensile shear strength (DIN 53283)	: 29 N/mm ²	
Operating temperature range	: -40 °C to +125 °C	
Shelf-life	: 12 months at proper storing conditions (10 °C to 22 °C) and unopened package. From the printed production date!	
Spectrum of adhesiveness	: PVC and Vinyl products, ABS, PMMA, PC compounds, PPO compounds, PBT compounds, epoxide, wood, steel, fibreglass, PET compounds, polyurethanes, polycarbonates	



Chemical resistance : Gasoline-, oil-, mild acid- and alkali-resistant

Subsequent cleaning : Uncured rests of Liquimate 2K Power Adhesive can be removed with a cleaner and thinner, unit no. 6130. When cured, it can only be removed mechanically.

APPLICATION AREAS Liquimate 2K Power Adhesive is applicable for high-strength and quick bonding of various materials. Due to these characteristics it is suitable for car bodies and vehicle construction as all-purpose adhesive (e.g. bumpers, radiators, lights, handles, console parts, spoilers, telephone and loud speaker mounting).

USE In order to achieve an optimal adhesive result, the surfaces must be clean and free of grease (Liqui Moly cleaner and thinner, item No. 6130). Some surfaces must be roughened. Squeeze adhesive out of the double syringe and stir well both components with an applicator (automatic mixing occurs if the mixer nozzle is used). Apply the adhesive and bond the parts together (max. processing time 3-4 minutes). Hand-tight after approx. 8 up to 10 minutes. Completely cured after 24 hours. Curing times are dependent on the room temperature. Do not use the product at temperatures below 0°C. After use close the package with the cap again. Keep in a cool and dry place. **Attention:** For cleaning use only cleaner and thinner, item No. 6130, **do not use nitro thinner or alcohol!**

AVAILABLE PACKAGE SIZE Liqui mate 2K Power Adhesive 25ml Double cartridge Item No. 6179 (one mixer part.no.6242 included)

PI 02/03/10

Our information is based on careful examinations and can be considered reliable. However, it is intended only for giving advice without obligation.

