



POINT 626 EPOXY METAL EPOXY ADHESIVE FOR METAL

POINT 626 Epoxy Metal – is a fast-curing, two-component epoxy adhesive for metal, consisting of epoxy resin and hardener. The components are mixed in equal parts, allowing strong initial adhesion to be achieved within just a few minutes. Reinforced with steel filler (stainless steel alloy), the adhesive is ideal for repairing metal parts and filling cracks. Once fully cured, it forms an exceptionally strong, mechanically resistant layer that can be drilled, sanded and further machined. The product offers high resistance to chemicals, moisture and changing weather conditions, making it suitable for both indoor and outdoor applications.

Advantages

- Reinforced with steel filler
- Water-resistant after curing and suitable for outdoor use
- Good impact resistance
- Does not change colour, crack or shrink during curing
- Once cured, the adhesive can be painted, sanded and drilled
- Once cured, the adhesive is resistant to water, alkalis and diluted acid solutions

Perfect adhesion:

- Steel
- Stainless steel
- Aluminium
- Brass
- Iron
- Tin alloys
- MDF
- Wood
- OSB
- Rigid PVC
- Concrete
- Other construction materials

Applications

Can be used with all metals: steel, stainless steel, aluminium, brass, iron and tin alloys. Suitable for repairing broken furniture, household appliances, toys and car parts, as well as pump and valve bodies. Intended for repairing cracks and breaks in equipment, machinery and castings. Suitable for filling holes and pits in castings.

TECHNICAL DATA SHEET

Technical data

Indicator	Unit	Value
Colour		Black
Density	g/cm ³	1,1
Base material		Epoxy resin and hardener
Mixture working time*	min.	4
Full curing time	val.	24
Shore A hardness		85
Compressive strength	kg/cm ²	1300
Bond strength after curing	kg/cm ²	200
Application temperature	°C	+5 °C ... +35 °C
Temperature resistance after curing	°C	-40 °C ... +120 °C
Volatile organic compound (VOC) content	%	0
Volume	ml	2 × 12

*The mixture working time may vary depending on the humidity and temperature of the environment in which the product is applied.

Chemical resistance

EXCELLENT RESISTANCE: to benzene, petrol, 10 % hydrochloric acid, kerosene, white spirit, 10 % phosphoric acid, 10 % potassium hydroxide, 10 % and 50 % sodium hydroxide, 10 % sulfuric acid, and toluene.

MODERATE RESISTANCE: to 10 % acetic acid, 50 % nitric acid, and 50 % sulfuric acid.

Directions of Use

Surfaces must be even, clean and dry. Roughen smooth surfaces for better adhesion. Dispense both components in equal amounts at a ratio of 1:1 and mix until a uniform, homogeneous mixture is obtained. Apply the adhesive to both surfaces to be bonded as quickly as possible and join them immediately. Apply enough adhesive to fully cover the surfaces. Join the parts and press firmly. Fix the assembled parts and keep them from moving throughout the entire curing time (24 h).

Limitations

Not suitable for bonding polyethylene (PE), polypropylene (PP) and PTFE (polytetrafluoroethylene).

Storage conditions

Store unopened in a dry place at temperatures from +10 °C to +25 °C. Shelf life – 24 months from the date of manufacture when stored in accordance with the storage requirements. Freezing does not damage the product. If frozen, warm the product to room temperature until the resin and hardener become liquid enough to mix. Protect the packaging from direct sunlight and heat above 40 °C.

TECHNICAL DATA SHEET

Packaging

2x12 ml plastic syringe, 12 pcs. per box.

Health & Safety

Avoid contact with skin and eyes. Use in well-ventilated areas. Keep away from heat sources, open flames, sparks and high temperatures.

For more information and advice on the safe handling, storage and disposal of chemical products, refer to the most recent Safety Data Sheet (SDS), which contains physical, ecological, toxicological and other safety-related data.

Waste disposal

Empty the packaging completely and dispose of it in accordance with applicable requirements.