

PERMAPOX[®] 2240 A/B**Clear, general purpose 5-minute epoxy adhesive**

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Product description

PERMAPOX[®] 2240 A/B is a fast curing 2-component adhesive which has to be mixed with equal quantity.

PERMAPOX[®] 2240 A/B is colourless, somewhat flexible, gap filling and good resistance to shocks. This product is applicable to a large diversity of materials, such as metals, ceramics, glass, stone, wood, rigid plastics and such like.

PERMAPOX[®] 2240 A/B cures at room temperature, so full curing takes place at 20°C and even if it is freezing. To obtain best results, it is possible to warm up the joint to 80°C for 30 minutes.

Properties

- Water resistant
- Resistant to oil, grease and acids
- Slightly resistant to shocks
- Gap filling

Technical data

Mixing ratio	: A : B = 1 : 1
Pot life	: 2-5min / 20°C
Curing time	: 10min / 20°C
Curing completed after	: approx. 12 hrs / 20°C or 30min / 80°C
Pressure	: 0,5 - 2kg/cm ²
Colour	: clear, transparent, both components
Application	: 100 – 200g/m ² depending on roughness of the surface
Viscosity A-component	: 20.000 mPa.s/23°C (resin)
Viscosity B-component	: 15.000mPa.s/23°C (hardener)
Temperature resistance	: -30°C up to +120°C
Shear strength	: steel – steel 300kg/cm ² Aluminium – aluminium 200kg/cm ² Hardwood 120kg/cm ² Polyester – glass 150kg/cm ²

Safety & handling

Read the material safety datasheets (MSDS) before use.

1. Carefully clean and dry all surfaces to be bonded. Abrade metals. Degrease with for example trichlorethane.

2. Mix to equal parts of adhesive until it is a homogenous product. The pot life of this mixture is approx. 5min.
3. Apply a thin layer on one of the two materials.
4. Press the surfaces together and do not move them afterwards. Use clamps, rubber band or tape to fixate them for several minutes.
5. After 12hrs the adhesive is fully cured.

Storage

If stored in well closed container: 1 year, frost free and dry. Cartridges need to stand upright.

Packaging

- 25g double syringe
- 30g double syringe
- 50g double syringe
- 400ml double cartridge
- 2x 0.5kg tin
- 2x 1,0kg tin
- other sizes and packages on request.

Legal Disclaimer

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