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## PERMACOL<sup>®</sup> 2250 A/B

### Filled, fast curing epoxy adhesive

This fast curing 2-component adhesive consists of a filled epoxy resin with hardener. Permacol<sup>®</sup> 2250 A/B is white-grey, slightly flexible, gap filling and resistant to shocks. This product is suitable for a great diversity of materials as: metals, ceramic, stone, wood and several rigid plastics.

Permacol<sup>®</sup> 2250 A/B cures at room-temperature, therefore this product fully cures at 20°C. It cures very fast; just after 15 minutes ( depending in material and temperature) the bond may be put under stress. To obtain best results, the joints may be cured at 80°C for 30minutes. Due to its high viscosity the adhesive is suitable for vertical bonding and thick seams.

### Important properties

- Suitable for vertical bonding
- Resistant to oil, grease and acids
- Resistant to little shocks
- Very good gap-filling properties

### Technical details

Mixing ratio	: A:B = 1:1
Using temperature	: above +5°C
Working time	: 5-10min at 20)C
Setting time	: approx. 5-10min. at 20°C
Complete curing time	: 12h at 20°C
Colour of mixed product	: grey-white
Density	: approx. 1,7gr/cm <sup>3</sup>
Usage	: approx. 100-200gr/m <sup>2</sup>
Viscosity	: A-component: 60.000 mPa.s at 20°C : B-component: 90.000 mPa.s at 20°C
Temperature resistant	: -30°C to +120°C

### Processing and safety

1. Before processing consult the MSDS about specific safety information.
2. Pr-treatment: all surfaces need to be clean and free of grease. Abrade metals and remove oxidation skin. De-greasing products are ethanol or acetone.
3. Mix 2 equal quantities of the adhesive (ration A : B= 1:1) with a spatula till a mixture with homogenous colour.
4. The mixture with an open time of 5 min at room temperature, has to be applied thin as possible onto both materials.
5. Join both sides and to not defer anymore. Hold on place for a couple of minutes. Complete curing takes approx. 2-3hrs

**Storage & Shelf life**

Stored in well closed packaging, dry and cool, 1 year

**EN – Legal Disclaimer**

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