



Megapox

2K MULTIFUNCTIONAL, TRANSPARENT EPOXY RESIN

- ✓ Thanks to the simple 3/1 mixing ratio, suitable for both very small and large repairs.
- ✓ Hard-wearing, shrink-free and elastic.
- ✓ Resistant to chemical products and petroleum derivatives.

Technical Info

- Composition: 2 components (A-resin - B-hardening agent).
- Colour: honey, transparent.
- Specific gravity: 1 kg/l +/- 0.1.
- Pot life (after mixture): 30 to 45 minutes at 15°C.
- Tensile strength: +/- 65 N/mm².
- Pressure resistance: +/- 104 N/mm².
- Processing temperature: from +10°C to +35°C.
- Temperature durability: +/- 100°C.
- Hardening time: after 6 hours: hard; after 20 hours: may be walked on; after 7 days: chemical charge Solvent %: 0% shrink proof.
- Optimal application temperature: +16°C.
- Minimum temperature for the materials to be treated: +5°C.
- Electrical resistance: 1015 Ohm/cm.
- Chemical resistance: resistant to sustained contact to strong acids, leach, oil, grease, petrol, solvents, smog, sea air.
- Cleaner/diluent: Megaclean.
- Thicken: Megatix, neutral thickener for epoxy resin.
- Shelf life: 12 months, keep dry, cool and frost-proof.
- Safety measures: consult the Safety Data Sheet.

Packing

Megapox - bottle (A and B) 1,5kg

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Product [MPX]

Characteristics

Megapox is a pure epoxy resin with multifunctional possibilities. It can be used as adhesive, floor covering, to repair floor and concrete, sealing compound, injection, filler, impregnating agent and moulding material.

Applications

- For impregnation, coating, filling, pouring, gluing, sealing, anchoring and binding.
- Ideal to realize non-slip surfaces.

Use

Megapox is packed in the right weight ratio. Before using the 2 components have to be mixed in the proportion of 3 to 1 (e.g. 2 x1 cup A and x 1 cup B). After this, mix thoroughly until you get a smooth substance. The resin is now ready for use.

Attention: shiny surfaces have to be roughened first to improve the adhesion.

I. Adhesive:

Universal glue for the adhesion of wood, stone, metal, glass, ceramic materials.

Megapox has to be mixed with Megatix thickener until the desired consistency, to apply on one side or by filling up, can also be used for laminating.

II. Floor covering:

Acid resistant joint-free floor covering.

Wear-resistant floor mortar, to make anti-skid surfaces.

To mix with Megafil or Megagraix. Mixing ratio resin-sand : 1/1: mouldable floor of to 3 mm; 1/4: mortar to apply from 5 to 15 mm.

By adding Megatix the mixture becomes easier to process.

III. Floor and concrete reparation:

Excellent adhesive for floor reparation, stronger than concrete.

First apply one layer of pure resin with a brush, apply the mortar on the still wet resin, (see item II).

IV. Sealing compound-filler:

Acid resistant sealing compound for the chemical.

Excellent adhesion hard and impact-proof filler for difficult repairs.

Mixing Megapox with a little Megatix and fill with a little powder (cement, plaster, wood, flour, iron or aluminium powder).

V. Impregnating mass:

Impregnation of concrete, Asbest cement, brickwork or wood to make it water-, weather- and acid resistant.

Spread out Megapox on a dry surface, consumption of +/- 250 g/m².

In case of higher requirements of impermeability of chemical resistance, apply 2 wet layers of Megapox.

By need of antiskid, chip the still wet surface with a desired grain (Megagrain, Megakwarts or Megagrip).

After hardening remove the superfluous grain.

VI. Moulding material: moulding shapes, clamping, securing machines to a base, encapsulating electric components.

Never apply pure Megapox in layers thicker than 1 cm.

For larger objects always fill Megapox with a powder (cement, Megafil, plaster, sawdust).