

M 8210 Epoxy Adhesives

M 8210 is a fast curing two component transparent epoxy adhesive which has excellent adhesion to metal, ceramic tiles, brick, concrete, wood and most hard plastics. It can be used for the repair of metal castings, ceramic ornaments and metal or wood furniture, for the fixing of fittings to brick, wood or plaster, for fixing stone slabs and copings and for modelling and test rig manufacture.

Description

M 8210 is supplied in a 25ml double syringe dispense. The use of a syringe means that the correct ratio of resin and hardener is delivered for each application. The 25ml syringes are hand extruded and hand mixed. After mixing Celmend TR begins to set in 3-5 minutes and full cure is achieved within 24 hours.

Directions for Use

1. Joint surfaces must be clean, dry and free from all traces of urease, oil, dust etc.
2. Improved bond strength can be achieved by lightly abrading both surfaces to be bonded.
3. Cut off the nozzle tip of each barrel of the syringe.
4. Extrude the required amount and mix the two components for about 30 seconds until an even mix is achieved.
5. Apply the adhesive to one surface and press or clamp the two surfaces together. Support the joint if necessary.
6. Leave undisturbed until the handling time has elapsed.

Technical Data

| | | |
|--|------------------------|---------------------|
| Working time | 3 minutes @ 20°C | |
| Initial set | 3-5 minutes @ 20°C | |
| Handling time | 30 minutes @ 20°C | |
| Cure time | 24 hours | |
| Resin density | 1,17 g/cm ³ | |
| Hardener density | 1,14 g/cm ³ | |
| Colour | Pale straw yellow | |
| Mixed viscosity | 8,5Pa.s | |
| Mixing ratio | 1:1 by volume | |
| Bond line thickness | < 2 mm | |
| Application temperature | +5°C to +35°C | |
| Service temperature | -20°C to +100°C | |
| Lap shear strength (DIN 53283) @ 25°C | Age | Strength |
| | 4 hours | 14N/mm ² |
| | 24 hours | 20N/mm ² |

Manufacturer: **HF MARKET s.r.o., Plešnice 25, 330 33 Město Touškov,**

The Czech Republic

ISO 9001 DUNS No: 366923212

Tel: 00420 377 279 255

Fax: 00420 377 279 260

E-mail: hfmarket@hfmarket.cz

technik@hfmarket.cz

market@hfmarket.cz

www.hfmarket.cz

www.prumyslovalepidla.cz