

EpoBond 7500

Two component, solvent free, epoxy based injection resin system

Product Description

EpoBond 7500 is a two component, solvent free, epoxy based injection resin that does not contain fillers.

Due to its low viscosity and perfect diffusion capacity, it perfectly penetrates into fractures and cracks in damaged concrete columns, beams, floors, masonry, brick works and similar construction units when injected.



Areas of Application

- For injection of crack in all typed of structural concrete elements, masonry, and brick work.
- Suitable for injecting cracks widths from 0.2mm to 10mm.
- As a primer epoxy coat.
- As a binder for leveling floors.



Advantages

- Excellent bond strength to concrete, brickwork, and masonry.
- Low viscosity epoxy resin, formulated to allow cracks penetration down to 0.2mm.
- Can be used in damp or dry conditions.
- Low creep.
- Non-shrink.
- Exhibit good chemical resistance.
- Excellent mechanical properties, high tensile and tear strength, highly abrasion resistance with resistance to pedestrian and light vehicle traffic when used as a primer epoxy coat.
- Moisture vapor transmission: the film breathes so there is no accumulation of humidity the coat.



Disposal

Empty packages can be thrown to the collection bins according to regional-local regulations or recycling rules. After drying up and hardening the used waste material, throw it away as construction waste material. It is dangerous to dispose of product wastes by burning them.

Points to Take into Consideration

Keep the products in places out of reach of children. Always keep the cover of the products closed. It is recommended to wear gloves and goggles during operation. In case of contact of skin with the material, it should be washed with soap and water immediately. In case of contact with the eye, see your doctor immediately.

General Considerations

Above-mentioned product information and descriptions are prepared for guidance purposes as a result of our experiences and meticulous studies. The variety of related materials and their different construction and operation conditions can not be controlled or influenced by us individually. For applications beyond our control, the guarantee status is only limited to the quality of sold product. Except the manufacturing of the product, no guarantee is given for application. This technical sheet invalidates all the existing sheets. The quality of the performed job may vary depending on your professional use of the product. If you are hesitant, make a little test or get technical help.

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Technical Data

Technical Properties :	
Compressive strength to BS 6319:	>72N/mm ² @7 days @ 25°C
Flexural strength to BS 6319:	>60N/mm ² @25°C
Tensile strength to BS 6319:	>25N/mm ²
Pot life:	60 minutes @25°C
Specific gravity:	1.1
Viscosity:	1-2 poise @35°C

Method of use

Surface Preparation

Depending on crack width, depth, location, and thickness of the structural element that needs to be injected, many injection techniques requiring different injection tools and equipment may be used. The method of injection given in this Technical Data Sheet is based on most common situation.

Thicknesses and size limitations:

EpoBond 7500 is suitable for injecting cracks widths from 0.2 to 12mm.

Substrate Preparation

- The surface of the cracks should be cleaned from dust, oil, plaster, grease, curing compound and corrosion deposits.
- All cracks to be repaired should be cleaned with compressed air. This should be carried out after drilling of injection holes.

Standards

EpoBond 7500 is suitable for use in contact with potable water when tested in accordance to BS6920.

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Packing

EpoBond 7500 is available in 5 and 20 Kg pack.

Storage

EpoBond 7500 has a shelf life of 24 months from date of manufacture if stored at a temperature of 25 °C.

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