

CONJECT PUR

Two Components Polyurethane Ductile Elastic Sealing Injection Resin

Description:

CONJECT PUR is a two component polymer reactive injection resin, reacting to an elastic, waterproof resin. It can be injected into structures with or without water conditions.

Advantages:

- Low-viscosity reactive injection resin
- Low surface tension
- Good injectivity
- Forming watertight pore structure, non-foaming
- High ductility
- Permanent waterproofness
- Performance conformity for injection according to EN 1504-5: CE U(D1) W(2) (1/2/3/4) (5/40)
- REACH-assessed exposure scenarios: long-term contact (crack), periodical inhalation, application

Uses:

- Ductile-elastic sealing and filling of cracks, joints and cavities in building construction, underground and civil engineering under dry, water-bearing and pressurized water conditions.
- Injection according to EN 1504-5
- Injection of masonry against capillary moisture
- Injection of injection hoses

Instructions for Use:

Preparation:

Prior to injection, an examination of the structure to be injected must be carried out according to the state of the art and engineering rules, and an injection concept must be defined.

Mixing:

CONJECT PUR consists of two reactive components A and B. Prior to processing the components are to be mixed intensively.

Injection:

Injection is carried out with the injection pump.

In the absence of water CONJECT PUR does not expand and continues to penetrate into the cracks. In case of treating subject to strong water seepage it is recommended to increase the catalyst percent to 10% in order to achieve a fast setting rate.

Packaging:

Standard Packing: 10 Ltr.

Standards:

CONJECT PUR conforms to:

- EN ISO 2811-1, EN ISO 3219, EN 12618-2, EN 12618-1
- ASTM D7487

CONJECT PUR

TECHNICAL PROPERTIES	
Density	
- component A	approx. 0.94 Kg/dm ³
- component B	approx. 1.15 Kg/dm ³
- mixture	approx. 0.98 Kg/dm ³
Viscosity	approx. 150 mPas
Application Time	approx. 40 minutes
Reaction Time	100 minutes
Expansion in contact with water	approx. 30 %
Application Temperature	5-40 °C
Ductility in crack	approx. 11-21 %
Free lengthening	approx. 40 %
Adhesive tensile-strength	approx. 0.3-0.4 N/mm ²

Health and Safety:

Wear Gloves, goggles to avoid any contact with eyes and skin. In case of contact in the eyes and skin, wash abundantly with warm water and consult a doctor. Ensure adequate ventilation at working place.

Absorb spilled resin CONJECT PUR with sand and dispose according to the local regulations.

Cleaning:

Clean the used tools with ARMOSOLVENT every time there is a need to stop the work for more than 15 minutes and immediately after completing the job and before the product dries.

Storage:

Can be stored in original sealed packages at temperature between +5°C AND +30 °C in dry conditions for at least 18 months the same requirements are valid for transport.

Precautions:

CONJECT PUR is sensitive to humidity, it is recommended to use the full set once opened.

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This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

