

PUR-O-FIX

Properties:

PUR-O-FIX is a liquid to paste-like polyurethane-based adhesive used for closing up cracks prior to injection work or for affixing adhesive packers.

The viscosity of the material can be individually adjusted by adding the suspension agent *PUR-O-FIX TP*, and the reaction time can be modified with the activator *PUR-O-FIX AC*.

PUR-O-FIX exhibits excellent bonding strength on mineral and metallic substrates.

Applications:

- affixing adhesive packers
- closing cracks in pipes not carrying water in preparation for injections
- affixing mineral and metallic construction materials

Technical data:

Colour	grey	
Processing temperature	5 - 30°C	substrate temperature
Mixing ratio A : B	6 : 1 (parts by weight)	
Density of mixture (20°C)	approx. 1.61 g/cm ³	DIN EN ISO 2811-1
Pot-life *	approx. 20 min	DIN EN 14022
Pressure resistance	max. 80 bar	injection pressure

* at 20°C and 50% rel. humidity

Processing:

Preparation:

Before starting the injection work, the unfilled cracks must be examined and the sides of the cracks checked for strength and load-bearing capacity. The substrates must be clean, stable and at most lightly damp for application of *PUR-O-FIX*.

Application:

For processing remove the separating plastic bar. Start mixing immediately by grasping the short side of the aluminium bag and shaking for about 3 minutes thoroughly. Afterwards cut one corner of the bag and empty the full content into the clean bucket. If the components are not mixed homogenously a slow turning electric mixer should be used for mixing.

PUR-O-FIX can be adjusted using the suspension agent *PUR-O-FIX TP* to make it suitable for application with a trowel.

The reaction time depends on the temperature and the quantity prepared.

At low application temperatures, the reaction time can be shortened by adding the accelerator *PUR-O-FIX AC*. The desired quantity of accelerator must be thoroughly mixed in using an electric mixer.

With reference to 1 kg of *PUR-O-FIX*, the following accelerator quantities should be used to maintain a stable reaction time of approx. 20 minutes:

Substrate temperature	Accelerator quantity
+15°C	8 ml
+10°C	11 ml
+5°C	15 ml

PUR-O-FIX can be applied to the substrate using a notched trowel.

Safety information:

PUR-O-FIX component B contains isocyanates and is classified as hazardous according to Regulation (EC) 1272/2008 (CLP).

It is therefore necessary, before beginning processing, to become familiar with the precautions and safety advice as indicated in the material safety data sheet.

Packaging:

PUR-O-FIX set consisting of:

Component A+B	1 l combined can
<i>PUR-O-FIX AC</i>	24 g PE bottle
<i>PUR-O-FIX TP</i>	16 kg PE bag

Bigger packaging on request.

Storage:

Shelf life at least 6 month in original packaging when stored in dry conditions between 15-25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by TPH. This approval can only be obtained by the quality assurance department of TPH releasing the material after verification of main properties being within specification.

Disposal:

Small quantities of cured product residues can be disposed of as normal domestic waste. Dispose of not cured product components must be effected in accordance with the corresponding local regulations. For further information please refer to the material safety data sheets.



Legal notice:

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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