



IR PUR 2K WW

Injection resin for flexible injection of cracks in manure/slurry and wastewater facilities, D-I (P)

Availability			
Quantity per pallet			
Size / Quantity	14 kg	20,9 kg	
Type of container	Tin bucket	Tin bucket	
Container code	14	21	
Art. no.			
6878	■	■	

Application rate

- To be determined on a case-by-case basis
- Dependent on the moisture level in the structure, crack width and component thickness
- Approx. 1.1 kg/l void
- Approx. 0.4-0.7 kg/running metre

Range of use



- Crack injection in concrete according to DIN EN 1504-5
- Classification: U(D1) W(3/4/5) (1/2/3/4*) (5/30) *Water-bearing cracks must be pre-injected with IR PUR 2K rapid!
- Moisture level: DY, DP, WT, WF*
- Waterproofing cracks and construction joints in manure/slurry and wastewater facilities
- Crack injection in drinking water tanks
- Building waterproofing during construction
- Horizontal impervious layers and waterproofing in masonry
- Sealing of damp and water-bearing cracks
- Filling voids in masonry/concrete after water ingress

Property profile

- Resistant to biogenic sulphuric acid (BSA corrosion)
- Compliant with KTW recommendation
- High chemical resistance
- Total solid (Similar to the testing method of Deutsche Bauchemie e.V.)
- Fire behaviour B2 pursuant to DIN 4102-4
- Low viscosity
- High flank adhesion
- Resistant to bitumen and old waterproofing systems

Characteristic data of the product

■ On delivery

	Component A	Component B	Mixture
Density (20 °C)	1.0 g/cm ³	1.2 g/cm ³	
Viscosity (12 °C)			approx. 620 mPas
Viscosity (23 °C)			approx. 300 mPas

■ Once fully cured

Tear resistance	approx. 0.8 N/mm ²
Elongation at break	approx. 50%
Impermeability	> 2 bar

The values stated represent typical characteristic data of the product and are not to be understood as binding product specifications.

Certificates

- **Test certificate: resistance to chemicals**
- **KTW-Prüfzeugnis/-bericht**

Possible system products

- **Epoxy MT 100 (0936)**
- **WP DS Levell (0426)**
- **V 101 (0978)**



➤ **Remmers injection packers**

Preparation

■ **Substrate requirements**

The flanks of the crack must be dimensionally stable and free from loose parts, sintered layers, oils, grease and other separating substances.

■ **Substrate preparation**

Plug the path of the crack if necessary.

Use a suitable packer.

Production of the mixture

■ **Mixing**

Add the entire quantity of the hardener (component B) to the base compound (component A).

Mix thoroughly with a slow-speed electric mixer

(approx. 300 - 400 rpm).

Mix for at least 3 minutes.

Insufficient mixing is indicated by streaks forming.

Once a homogeneous mixture has been obtained, pour the material into the reservoir of the 1K pump.

A : B

3 : 1

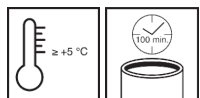
Volume

Mixing ratio

3 : 1 (parts by volume)

Directions

For professional users only!



■ **Conditions for use**

Temperature of the material, air and substrate: min. +5 °C.

■ **Working time (+20 °C)**

approx. 100 minutes

Using suitable injection technology, inject the material from bottom to top.

Remove packer, seal boreholes if necessary.

Tips on use

Conduct an analysis of the structural condition prior to injection.

Adjust the injection pressure according to the properties of the building component.

Inject again if necessary.

Conduct any subsequent injection within the working time.

When injecting into vertical or overhead cracks, tamp the run of the crack.

Remove the skin that forms as a result of reaction with humidity and do not mix in.

When using in large cavities, select a suitable injection quantity based on the component properties on account of the significant increase in the volume of the material.

As a general principle, higher temperatures will reduce and lower temperatures will increase the times stated.

Notes

Unless otherwise specified, all of the values and application rates given above have been determined under laboratory conditions (20 °C). Slight deviations from these values may arise if the product is worked with on site.

The actual amount of material needed depends on the size of the void. Proceed based on the results of the building condition analysis. Remember that surplus material may be needed depending on the application method.

Do not allow condensation to form in the injection device.

Once the work is finished, thoroughly empty and clean the injection device.

Tools / Cleaning

1K pump, patent disperser, suitable packers, hammer drill

Clean tools, equipment and splashed material immediately while fresh with V 101.

More detailed information can be found in the Remmers Tool Programme.

Take suitable protective and waste disposal measures when cleaning.

Disposal

Larger quantities of leftover product should be disposed of in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose of together with household waste. Do not allow to enter the sewage system. Do not empty into drains.

Please note that the data and information given above have been calculated as guidelines in the laboratory and from real-life experience and are therefore not binding as a basic principle.

This information is therefore of a general nature only and describes our products and how they are used and worked with. In this respect, it must be borne in mind that the varied and diverse nature of the

prevailing working conditions, materials used and construction sites encountered means that not every individual case can be covered. In this respect, we therefore recommend either conducting tests or liaising with us in the event of any doubt. Unless we have provided express written assurance of the products' specific suitability or characteristics in respect of a contractually stipulated intended use, any technical application-related advice or instruction will never

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