

PRODUCT DATA SHEET

Sika® Injection-20

PUR injection resin

DESCRIPTION

2-part, solvent-free, water-reactive PU foam system with very long pot life.

USES

Sika® Injection-20 may only be used by experienced professionals.
Sika® Injection-20 used to stop water infiltration and to be injected into water filled cracks.

CHARACTERISTICS / ADVANTAGES

- No reaction takes place unless it is in direct contact with water / moisture
- Very high foam factor
- Injection with 1-part injection pump

PRODUCT INFORMATION

Composition	2-part, solvent-free, water reactive polyurethane	
Packaging	Ready to mix unit	
	Part A:	4.5 kg
	Part B:	0.5 kg
	Part A + B:	5.0 kg
Shelf life	6 months from date of production	
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C.	
Colour	Part A:	Brown
	Part B:	Light yellow
	Part A + B:	Brownish
Density	Part A:	~ 1.14 kg/l (+20 °C)
	Part B:	~ 0.97 kg/l (+20 °C)
Viscosity	Part A:	~ 150 mPas (+25 °C)
	Part B:	~ 5 mPas (+25 °C)

Part A + B mixed, mixing ration 9:1 parts by weight

Temperature	Viscosity
+5 °C	~ 600 mPas
+10 °C	~ 380 mPas
+20 °C	~ 180 mPas

APPLICATION INFORMATION

Yield	1 kg Sika® Injection-20 gives:	~ 50 l foam (free expansion with water contact)
Ambient air temperature	Min. +4 °C, max. +35 °C	
Substrate temperature	Min. +4 °C, max. +35 °C	
Pot Life	Part A + B without humidity:	~ 6 hours (+20 °C)

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

IMPORTANT CONSIDERATIONS

Sika® Injection-20 is used to stop water infiltration and to inject into water filled cracks. To achieve a permanent watertight crack seal, Sika® Injection-306 must be re-injected.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Dose part A and part B in the correct proportion. Stir in a suitable container with an electric hand mixer (max. 250 rpm) for 3 minutes until the mixture is homogeneous.

APPLICATION METHOD / TOOLS

1-part injection pump

CLEANING OF EQUIPMENT

Clean all tools with Sika® Colma Cleaner immediately after use. Hardened/cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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