BUILDING TRUST

PRODUCT DATA SHEET

Sika® Injection AC-20

ACCELERATOR FOR SIKA® INJECTION-201 CE AND SIKA® INJECTION-203

DESCRIPTION

Sika® Injection AC-20 is a colourless liquid which accelerates the reaction and curing times of the PU injection resins Sika® Injection-201 CE and Sika® Injection-203, even at low temperatures.

USES

Sika® Injection AC-20 may only be used by experienced professionals.
Sika® Injection AC-20 is a special accelerator which accelerates the reaction of Sika® Injection-201 CE and -203, particularly at low temperatures.

CHARACTERISTICS / ADVANTAGES

- With Sika® Injection-AC20 the reaction time of Sika® Injection-201 CE and Sika® Injection-203 can be reduced considerably
- It is suitable especially for use with both low substrate and low ambient temperatures (5–10 °C)

PRODUCT INFORMATION

Chemical Base	Amine based accelerator	
Packaging	1 kg	
Colour	Colourless	
Shelf Life	12 months shelf life from date of production if stored properly in undamaged, unopened, original sealed packaging.	
Storage Conditions	Dry storage at temperatures from +5 °C up to +35 °C. Protect from direct sunlight and humidity.	
Density	~1.0kg/ l (at 20 °C)	(ISO 2811)
Viscosity	~90mPa·s (at 20 °C)	(acc. ISO 3219)

APPLICATION INFORMATION

Mixing Ratio

Reaction time table Sika® Injection-201 CE
(ISO 9514)

	Material temperature		
	+5 °C	**+10 °C**	**+20 °C**
0.0 %*	~180 min	~180 min	~135 min
0.5 %*	~60 min	~55 min	~38 min
1.0 %*	~29 min	~32 min	~24 min
2.0 %*	~16 min	~17 min	~13 min
3.0 %*	~13 min	~14 min	~10 min
5.0 %*	~9 min	~7 min	~5 min

* Dosage of Sika® Injection AC-20 in % by weight of Sika® Injection-201 Comp. A

Reaction time table Sika® Injection-203
(ISO 9514)

	Material temperature		
	+5 °C	**+10 °C**	**+20 °C**
0.0 %*	~90 min	~90 min	~70 min
0.5 %*	~55 min	~60 min	~50 min
1.0 %*	~38 min	~40 min	~40 min
2.0 %*	~25 min	~25 min	~25 min
3.0 %*	~17 min	~19 min	~18 min
5.0 %*	~10 min	~12 min	~11 min

***** Dosage of Sika® Injection AC-20 in % by weight of Sika® Injection-203 Comp. A
The given data are laboratory parameters and may deviate depending on the object and conditions on site.

Ambient Air Temperature	+5 °C min. / +35 °C max.
Substrate Temperature	+5 °C min. / +35 °C max.

APPLICATION INSTRUCTIONS

MIXING

Mix Sika® Injection AC-20 with component A of Sika® Injection-201 CE or Sika® Injection-203 immediately before use.
Pour component A of Sika® Injection-201 CE or Sika® Injection-203 into a suitable clean and dry container and add the correct proportion of Sika® Injection AC-20. Stir slowly (max. 250 rpm) for at least 3 min until a homogeneous mixture is achieved.
Inject Sika® Injection-201 CE or Sika® Injection-203 according to their respective product data sheet. The pot life depends on both the material and the ambient temperatures, as well as on the quantity of accelerator added. Lower temperatures will extend, higher temperatures will reduce the reaction time.

CLEANING OF TOOLS

Clean all tools and application equipment according to the Product Data Sheet for the Sika® Injection Cleaning System.

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.

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.

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.

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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