

## 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.

## FEATURES

- 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

Composition	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.

## 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.

## 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

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 EQUIPMENT

Clean all tools and application equipment with Sika® Colma Cleaner to remove any polyurethane residue immediately after use. Do not leave Sika® Colma Cleaner in the injection pump. Hardened/cured material can only be removed mechanically.

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Sika® Injection AC-20

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## LOCAL RESTRICTIONS

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

## LEGAL NOTES

Any information or suggestions for use concerning Sika's products, which we either in writing or orally have given buyers or end-users of the product, have been given in good faith based on our own experiences and based on approved praxis and the technological and scientific knowledge on the time of giving such suggestions and information, which are given without any type of guarantees, and which do not lead to any further responsibility from Sika Danmark A/S, besides what is stated in the sales agreement in question. The buyer or end-user should themselves investigate or otherwise make sure, that our products are suitable for the use in question and further make sure that the products are kept and used correct and in agreement with the published rules and considering the actual conditions in order to avoid damages or less satisfactory results. Any order is accepted and any deliverance is affected according to the general terms of sales and delivery from Sika Danmark A/S, which are considered known and accepted, and which could be handed out when asked for. Our catalogues are not up-dated automatically. The present product data sheet is only for use in Denmark. Values stated in the present product data sheet should be seen as recommended, unless stated otherwise.

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