



PRODUCT DATA SHEET

SikaFix® AC-21

ACCELERATOR FOR SikaFix®-210 POLYURETHANE BASED INJECTION SEALING RESIN

PRODUCT DESCRIPTION

SikaFix® AC-21 is a yellowish liquid which accelerates the reaction time of the SikaFix®-210. SikaFix®-210 mixed with SikaFix® AC-21 starts foaming in both in contact with water and also in dry conditions without water.

WHERE TO USE

SikaFix® AC-21 may only be used by experienced professionals.

SikaFix® AC-21 is a specially formulated accelerator which reduces the reaction time of SikaFix®-210, particularly at low temperatures, or for the stopping of water intrushes. In situations with high water intrush and if a faster foaming and expanding action is required, the mixture of SikaFix®-210 and SikaFix® AC-21 can be further accelerated by the addition of SikaFix® AC-21 SF.

CHARACTERISTICS / ADVANTAGES

- For use at low temperatures
- High and rapid foaming
- Stops unexpected high water intrush
- Modular system with SikaFix®-210 Injection resin and SikaFix® AC-21 SF

PRODUCT INFORMATION

Composition / Manufacturing	Amine based accelerator
Packaging	4 kg
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.
Colour	Yellow
Density	~0.99 kg/l (at 23 °C) (ISO 2811)

APPLICATION INFORMATION

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

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

Reaction Time

Dry Environment, 20 °C material and ambient temperature

Dosage*	Foaming Start	Foaming End	Foaming Factor	(PM 10811-6)
0 %	~45 s	-	~1 fold	
5 %	~15 s	~25 s	~10 fold	
10 %	~12 s	~21 s	~15 fold	
15 %	~10 s	~17 s	~20 fold	
20 %	~9 s	~14 s	~25 fold	

Wet Environment (10 % water), 20 °C material and ambient temperature

Dosage*	Foaming Start	Foaming End	Foaming Factor	(PM 10811-6)
0 %	~48 s	~75 s	~3 fold	
5 %	~20 s	~45 s	~25–30 fold	
10 %	~15 s	~35 s	~25–30 fold	
15 %	~13 s	~27 s	~25–30 fold	
20 %	~11 s	~21 s	~25–30 fold	

Dry Environment, 10 °C material and ambient temperature

Dosage*	Foaming Start	Foaming End	Foaming Factor	(PM 10811-6)
0 %	~100 s	-	~1 fold	
5 %	~30 s	~40 s	~10 fold	
10 %	~25 s	~35 s	~15 fold	
15 %	~21 s	~30 s	~20 fold	
20 %	~18 s	~14 s	~25 fold	

Dry Environment, 5 °C Material and Ambient Temperature

Dosage*	Foaming Start	Foaming End	Foaming Factor	(PM 10811-6)
0 %	~140 s	-	~1 fold	
5 %	~40 s	~52 s	~10 fold	
10 %	~33 s	~46 s	~15 fold	
15 %	~28 s	~41 s	~20 fold	
20 %	~25 s	~14 s	~25 fold	

* SikaFix® AC-21 in % by weight of SikaFix®-210 (Component A+B)

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

the ambient temperatures, as well as on the quantity of accelerator added. Lower temperatures will slow down, and higher temperatures will accelerate the reaction time.

LIMITATIONS

- The maximum amount of SikaFix® AC-21 must not exceed 20 % of the mixed SikaFix®-210 (comp. A + comp. B).
- The reaction time depends on both the material and

Product Data Sheet

SikaFix® AC-21

March 2022, Version 01.01

020707010020000010

BUILDING TRUST
CONSTRUIRE LA CONFIANCE



ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

MIXING

Shake the unopened can of SikaFix® AC-21 thoroughly immediately prior to mixing.

Mix SikaFix® AC-21 into comp. A of SikaFix®-210 until homogenous.

The mixing ratio of (SikaFix®-210 comp. A + SikaFix® AC-21) : SikaFix®-210 comp. B remains at 1:1 by volume. Reduce the amount of SikaFix®-210 comp. A accordingly if adding SikaFix® AC-21.

Use SikaFix®-210 according to the respective Product Data Sheet and Application Instructions.

CLEAN UP

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

Hardened/cured material can only be removed mechanically.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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 recommendations, or from any other advice offered.

The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

Boisbriand (Quebec)
Brantford; Cambridge;
Sudbury; Toronto (Ontario)
Edmonton (Alberta)
Surrey (British Columbia)

Product Data Sheet

SikaFix® AC-21
March 2022, Version 01.01
020707010020000010