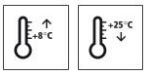
Technical Data Sheet

StoPox AC 100

Accelerator for EP products



Characteristics

Area of application

- for accelerating the curing times of EP products, especially EP priming resins and EP mortar resins

Properties

- shortens the application and curing times of EP products
- accelerates the curing time even at lower temperatures (from 8 °C)

Appearance

- transparent, yellowish

Information/notes

- intensifies yellowing of the EP product
- increases brittleness of the EP product
- recommended temperature range for application: +8 °C to +25 °C

Technical data

Criterion	Standard / test specification	Value/ Unit	Notes
Viscosity (at 23 °C)	EN ISO 3219	120 - 150 mPa.s	
Density (23 °C)	EN ISO 2811	0,95 g/cm³	approx.
Non-volatile content		100 %	

The characteristic values stated are average values or approximate values. Due to the natural raw materials in our products, the stated values can vary slightly in the same delivery batch; this does not affect the suitability of the product for its intended use.

Substrate

Requirements

Requirements on the substrate:
The substrate must be dry, load-bearing, and free from native and foreign release agents. Remove less strong layers and laitance.

Dry in accordance with the definition of the DAfStb (German) Repair Guideline 2001-10, but depending on the compressive strength class. The moisture content may not exceed 4 CM per cent for concrete qualities up to C30/37 and max. 3 CM per cent for C35/45 concrete, measured with a calcium carbide meter.

Substrate temperature higher than +8 °C and 3 K above dew point
Average bond strength: 1.5 N/mm²
Bond strength, lowest single value: 1.0 N/mm²

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Preparations	Prepare all the above-mentioned substrates using a mechanical method, see “Substrate, requirements”. Example: - Shot-blasting - Milling followed by shot-blasting - Abrasive blasting

Application

Application temperature	minimum temperature: +8 °C Maximum temperature: +25 °C Relative humidity: maximum: 75 % at +8 °C maximum: 85 % at +25°C
Time for application	shortened depending on the amount added
Mixing ratio	see the table at the end of the Technical Data Sheet
Material preparation	Notes: - Add StoPox AC 100 to component B (hardener) and mix until homogeneous. - Add the mixture to component A and mix according to the information in the respective Technical Data Sheet. - Adjust the dosage of the accelerator according to the temperature, humidity, and material. - The guide values are approx. 3 - 4 weight percent based on components A and B. The maximum amount must not exceed 4 %. - Determine the exact dosage required in a test beforehand. Mixing time: - The length of the mixing time depends on the temperature of the material, the ambient temperature, and the humidity. - Mix each container for the same length of time. - Adding accelerator to the StoPox products is usually not necessary. - It is therefore advisable to add StoPox AC 100 only during recommended temperature windows. - Incorrect crosslinking and changes in the technical properties of the end product may result if the dosage is too high.

Consumption

Type of application	Approx. consumption	
per kg of component B	3 - 4	%

Material consumption depends on the application, substrate, and consistency, among other factors. The stated consumption values are only to be used as a

	guide. If required, determine precise consumption values on the basis of the specific project.
Application	
Cleaning the tools	Clean tools with StoDivers EV 100 or StoCryl VV.
Notes, recommendations, special information, miscellaneous	Observe the general application instructions: - see www.stocretec.de, Products - see technical manual, notes

Delivery

Colour shade	yellow, transparent
Packaging	plastic bottle

Article number	Name	Container
68107-001	StoPox AC 100	0.5 kg bottle

Storage

Storage conditions	Store in dry and frost-free conditions. Protect from direct sunlight.
Storage life	The product quality is best guaranteed in its unopened original container until its shelf life has expired. This information is included in the batch number on the container. Explanation of batch nos.: digit 1 = last digit of the year, digits 2 + 3 = calendar week, example: 2450013223 - storage life ends at week 45 in 2022 See product packaging

Identification

Product group	Supplementary product
GISCODE	RE30
Safety	This product is subject to compulsory labelling in accordance with the current EU regulation. Observe the Safety Data Sheet!

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Special notes

The information in this Technical Data Sheet serves to ensure the product's intended use, or its suitability for use, and is based on our findings and experience. Users are nevertheless responsible for establishing the product's suitability and use.
Applications not specifically mentioned in this Technical Data Sheet are permissible only after prior consultation. Where no approval is given, such applications are at the user's own risk. This applies in particular when the product is used in combination with other products.

When a new Technical Data Sheet is published, all previous Technical Data Sheets are no longer valid. The latest version is available on the Internet.

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Zusätzliche Angaben zum Technischen Merkblatt StoPox AC 100

Mischungsverhältnis

Produkt	Füllmenge	Zugabemenge StoPox AC 100
StoPox GH 205 (10 kg Kombi)	KA: 6,9 kg KB: 3.1 kg	300 – 400 g
StoPox GH 205 (25 kg Set)	KA: 17,75 kg KB: 7,75 kg	800 - 1000 g
StoPox GH 502 (28 kg Set)	KA: 19,3 kg KB: 8,7 kg	850 - 1000 g
StoPox GH 500 (28 kg Set)	KA: 17,1 kg KB: 7,9 kg	800 - 1000 g
StoPox GH 530 (30 kg Set)	KA: 25,7 kg KB: 4,3 kg	900 - 1200 g
StoPox MH 100 (25 kg Set)	KA: 17,3 kg KB: 7,7 kg	800 - 1000 g

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