

ebafix P 185 Comp. A + B

Technical Datasheet



Auxiliaries and equipment

Applications

Adhesive for eablock® P 185
Repair putty for eablock® P 185

Properties

no run-off on vertical surfaces

Processing data

Product		Mixture	Resin	Hardener
		ebafix P 185 Comp. A + B	ebafix P 185 blau Comp. A	ebafix P 185 blau Comp. B
Colour		blue	blue	yellowish-transparent
Mixing ratio	p.b.w.		100	17
Viscosity at 25 °C	mPas	pasty	pasty	850 ± 200
Density at 20 °C	g/cm ³	1,50 ± 0,05	1,60 ± 0,05	1,03 ± 0,05
Pot Life	minutes	10 - 12		

Physical data

Properties	Inspect. Requirements	Unit	Value
Flexural strength	DIN EN ISO 178*	MPa	67 ± 5
Flexural elongation at break	DIN EN ISO 178*	%	1,2 ± 0,1
Flexural modulus	DIN EN ISO 178*	MPa	6200 ± 500
Compressive strength	DIN EN ISO 604*	MPa	110 ± 10
Shore hardness	DIN ISO 48-4*	Shore D	88 ± 3

* based on

Sales units (packages)

ebafix P 185 blue resin 1 kg tin
ebafix P 185 blue hardener 0.170 kg bottle

additional products

cleaning agent ebaclean, colourless 5 l can

Processing instructions

Material- and processing temperature: between 18 - 25 °C.
Close containers after use.

The mixing ratio of resin and hardener must be adhered to according to the specifications.

Components A and B must be mixed thoroughly. Due to the high reactivity of the product, it is recommended to prepare only small batches of up to 100 g.

When using ebafix for repair works, ebafix can be applied with a spatula.

When using ebafix as an adhesive, we recommend applying it with a fine notched spatula.

Consumption: approx. 800 - 1000 g/m²

After combining the components, the material should be mixed homogeneously for approximately 1 to 2 minutes. Subsequently, a resting period of approximately 3 to 4 minutes is recommended.

During this phase, the material exhibits a relatively low viscosity and is particularly suitable for filling and repairing small indentations and larger surface defects.

After approximately 5 minutes, the material develops increasing thixotropy and achieves a high level of sag resistance. This allows larger defects and depressions to be filled reliably, even on vertical surfaces, without the material running or sagging.

Resin residues on stirring rods, etc., can be easily cleaned with ebaclean.

General

ebafix P 185 is a two-component epoxy-based system that cures at room temperature.

All specified characteristic values were determined after thermal conditioning at 80 °C for 8 hours.
The pot life was determined in accordance with internal test procedures using a 200 g sample at room temperature (approx. 23 °C).
The demolding times refer to demolding at room temperature.

Storing

Storage at room temperature 18-25 °C.

Opened containers should be closed immediately after use and should be used up as soon as possible.

Please refer to the product labels for the shelf life of the material.

Safety measure

Please follow the precaution instructions of the Government Safety Organisation of the chemical industry when working with this material.

Please refer to the respective safety data sheets

Waste Disposal

The cured materials can be disposed of as household or commercial waste in consultation with the respective competent authority.

Uncured products must be properly disposed of in consultation with the competent authority.

For further questions, our product safety department is at your disposal.

Compliance & Legal

The information and recommendations provided are based on careful evaluation and practical experience. They reflect the state of our knowledge at the time of provision. Updates may be made without notice.

The information is intended as general guidance and does not constitute a warranty of specific characteristics or properties of the product. Due to the wide range of potential applications and processing methods, not all individual use cases can be covered.

The product must be used in accordance with the applicable safety and usage instructions. No liability will be accepted for improper use or application outside the intended purpose.

Unless otherwise agreed, it is the responsibility of the user to independently assess the suitability of the product for the intended application and processing method.

The information provided does not release the user from the obligation to seek individual advice in cases of uncertainty regarding specific applications.

Statutory warranty rights remain unaffected.