ebafix orange / PUR 50

Technical Datasheet

Auxiliaries and equipment

Applications

- Adhesive for ebaboard 1220 / ebablock® 1220
- Adhesive for ebablock® K 08

Properties

- no run-off on vertical surfaces

Processing data

Product		**Mixture**	**Resin**	**Hardener**
		ebafix orange / PUR 50	ebafix orange	PUR 50
Colour		orange	orange	brown
Mixing ratio	**p.b.w.**		100	50
Viscosity at 25 °C	mPas	pasty	pasty	120 ± 20
Density at 20 °C	g/cm³	1,25 ± 0,03	1,21 ± 0,03	1,23 ± 0,02
Pot Life	minutes	14 - 18		
Demoulding time	hours	4 - 10		

Physical data

Properties	**Inspect. Requirements**	**Unit**	**Value**
Flexural strength	DIN EN ISO 178*	MPa	108 ± 5
Flexural elongation at break	DIN EN ISO 178*	%	5 ± 0,5
Flexural modulus	DIN EN ISO 178*	MPa	3400 ± 300
Compressive strength	DIN EN ISO 604*	MPa	81 ± 5
Heat deflection temperature HDT	DIN EN ISO 75 B*	°C	78 ± 3
Shore hardness	DIN ISO 48-4*	Shore D	83 ± 3

* based on

Sales units (packages)

- ebafix orange comp. A, 1 kg tin
- PUR 50 brown comp. B 0,500 kg bottle
- **additional products**
- Repair putty orange, comp. A, 1 kg tin
- 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.

We recommend applying the adhesive with a fine notched spatula.

Consumption: approx. 600–700 g/m²

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

General

ebafix is a two-component polyurethane-based system that cures at room temperature.

To accelerate bonding, ebafix can be mixed with our repair putty according to the mixing chart.

The repair putty can also be used on its own as a fast adhesive or for repair work.

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.