

Basis	<b>ebacoat resin + hardener</b>
Resin	<b>ebacoat resin</b>
Hardener	<b>ebacoat hardener</b>
Colour	yellowish transparent

## Applications

- Binding resin for fillers
- Recoating of climbing holds and volumes

## Properties

- easily dyeable
- unfilled

## Processing data

Product		Mixture ebacoat	Resin ebacoat resin	Hardener ebacoat hardener
Colour		yellowish transparent	yellowish transparent	yellowish transparent
<b>Mixing ratio</b>	<b>p. b. w.</b>		<b>100</b>	<b>48</b>
Viscosity at 25°C	mPas	1200 ± 200	7000 ± 1000	20 ± 0,5
Density at 20°C	g / cm <sup>3</sup>	1,10 ± 0,02	1,16 ± 0,02	0,98 ± 0,02
Pot life 200 g / 20°C	min.	25 - 35	-	-
Curing time at RT	hrs.	24 - 48	-	-

## Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	110 ± 5
Flexural elongation at break	EN ISO 178	%	8 ± 1
Flexural modulus	EN ISO 178	MPa	3050 ± 50
Impact resistance (Charpy)	EN ISO 179	kJ/m <sup>2</sup>	65 ± 10
Compressive strength	EN ISO 604	MPa	90 ± 5
Shore hardness	DIN ISO 7619-1	Shore D	81 ± 1

## Sales units (packages)

Units	resin	ebacoat resin	0,200 kg / 5,000 kg
	hardener	ebacoat hardener	0,096 kg / 2,400 kg

## Processing instructions

The material and application temperature should be between 18 and 25°C.

The resin and hardener should be thoroughly mixed at room temperature until no streaks are visible.

Application to the substrate is normally by brush or roller. Adhesion to various substrates must be checked in advance and pre-treatment may be necessary.

The viscosity can be reduced by increasing the temperature, but this will reduce the working time. Dilution is possible in principle but must be checked by the customer on a case by case basis.

## In General

ebacoat is a high viscosity, unfilled epoxy resin with high strength and dimensional

for the coating and upcycling of wood and plastic climbing holds.

The resin can be coloured with **ebalta** colour pastes.

## Storing

In temperature-controlled rooms at 18 - 25°C

Crystallisation occurring under unfavourable storage conditions can be reversed by heating to approx. 60 °C for some hours.

Always reseal opened containers immediately in a moisture-proof manner and use as soon as possible.

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

## Safety measure

When processing this product, the protective measures recommended by the Employers' Liability Insurance Association of the Chemical Industry should be observed. Follow safety advice.

## Waste Disposal

The cured materials can be disposed of as domestic or industrial waste after consultation with the relevant authorities.

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Always reseal opened containers immediately in a moisture-proof manner and use as soon as possible.

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

The instructions and recommendations are given in good faith and are based on long experience and careful tests. Since the conditions of use are beyond our control, and due to versatility of applications and working methods, we can't give any guarantee. All information are non-binding and are no guarantee for special characteristics or properties of the product. Despite information given from **ebalta** the customer has to make his own tests regarding applications and processing. If any special warranty is requested, written agreement on this subject is essential.