

Basis	<b>machinable epoxy lay-up paste</b>
Resin	<b>P 26</b>
Hardener	<b>P 26</b>
Colour	red brown

## Applications

- Close to final shape models in the automotive industry
- Close to final shape models for boat building
- Close to final shape models in the aircraft industry
- Close to final shape models in the wind energy industry

## Properties

- jointless surface
- 30 - 50 mm layer possible in one step
- low exothermic
- dimensionally stable
- very well workable
- dense surface
- fine structure
- no sagging at vertical surfaces

## Processing data

Product		Mixture P 26 / resin + hardener	Resin P 26	Hardener P 26
Colour		red brown	brown	beige
<b>Mixing ratio</b>	<b>p. b. w.</b>		<b>100</b>	<b>100</b>
Viscosity at 25°C	mPas	thixotrop	thixotrope	thixotrope
Density at 20°C	g / cm <sup>3</sup>	0,75 ± 0,03	0,75 ± 0,03	0,75 ± 0,03
Pot life 500 g / 20°C	min.	45 - 60	-	-
workable at RT after	-	24 - 36	-	-

## Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	19 ± 2
Flexural modulus	EN ISO 178	MPa	940 ± 80
Flexural strength at breakage	EN ISO 178	%	3,0 ± 0,1
Compressive strength	EN ISO 604	MPa	16 ± 1
Impact resistance (Charpy)	EN ISO 179	kJ/m <sup>2</sup>	3,5 ± 0,3
Heat resistance (HDT)	DIN EN ISO 75 B	°C	54 ± 2
Glass transition temperature TG	methode DSC	°C	52
Glass transition temperature TG	DMA	°C	-
Shore hardness	DIN 53505	Shore D	58 ± 2
Coefficient of linear expansion	DIN 53752	10 <sup>-6</sup> K <sup>-1</sup>	ca. 65
Linear shrinkage	internal	%	ca. 0,15

## Sales units (packages)

Units	resin	P 26	30 kg, 130 kg
	hardener	P 26	30 kg, 130 kg

## Processing instructions

Processing only by means of standard two-components machines for applying pastes.

Before processing make sure that the base construction is solid, stable and dustfree. Material-, processing- and supporting frame-temperature between 18°C – 25°C.

Treatment of surfaces not before the day after postcuring at room temperature.  
Final properties are reached 7 days after postcuring at room temperature.

As base construction we recommend our **ebazell 80**, **ebazell 260**, **ebaboard L** or **ebaboard 60** material. The caterpillars flow into each other, no sagging of the 20 mm layers at vertical surfaces. P 26 can be processed head first without any additives. Further layers can be applied after about 15 – 20 min.

## In General

**ebalta P 26** is a thixotropic two-components system on polyurethane base, which cures at room temperature. It consists of a filled resin and an isocyanate hardener (MDI).

## Storing

At appropriate storage (room temperature) in closed original container 12 months. Occuring crystallization due to unfavourable storage conditions can be neutralized by warming up the material at approx. 60° C.

Already opened containers should be closed immediately after use and be protected against moisture. This material should be used as soon as possible.

## Safety measure

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

## Waste Disposal

According to arrangement with local authorities cured material can be disposed as domestic or commercial waste. Non-cured products are waste which is subject to inspection and has to be disposed accordingly. In case of further questions please do not hesitate to contact our Department for Product Safety.

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.

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