Technical
Datasheet

Repairing Paste

Basis	**aluminium filled**
Resin	**Repairing Paste**
Hardener	**Hardener for polyester**
Colour	alu grey

Applications

- Moulding tools
- Foundry patterns
- In the automotive field

Properties

- aluminium filled
- high heat resistance

Processing data

Product		**Mixture Repairing Paste**	**Resin Repairing Paste**	**Hardener Hardener for polyester**
Colour		alu grey	alu grey	white
Mixing ratio	**p. b. w.**		**100**	**1**
Viscosity at 25°C	mPas	Paste	thixotrop	thixotrop
Density at 20°C	g / cm^3	1,46 ± 0,03	1,46 ± 0,03	1,15 ± 0,03
Pot life 200 g / 20°C	min.	5 - 15	-	-
polishable at RT after	min.	20 - 30	-	-

Physical data

Properties	**Inspect. requirem.**	**Unit**	**Value**
Flexural strength	EN ISO 178	MPa	-
Flexural modulus	EN ISO 178	MPa	-
Flexural strength at breakage	EN ISO 178	%	-
Flexural strength at breakage	ISO 37	%	-
Compressive strength	EN ISO 604	MPa	-
Impact resistance (Charpy)	EN ISO 179	kJ/m^2	-
Heat resistance (HDT)	DIN EN ISO 75 B	°C	-
Shore hardness	DIN 53505	Shore D	-

Sales units (packages)

Repairing Paste	1,400 kg resin incl. hardener

Processing instructions

The substrate should be carefully cleaned from any dirt, grease and former paint residues and down to. After 20-30 minutes curing time the paste can be grinded in dry or wet condition. Reaction substrate (wash-primer), synthetic resin or nitro-combination primer are not suitable as substrate for **ebalta** repair paste , as there would probably occur adhesion difficulties with these substrates.

In General

ebalta repair paste is an aluminium containing two-component- moulding compound for repairing of defective moulds and tools made of metal or synthetic resin, as well as defective castings made of aluminium or iron. Casting voids can be filled, cracks can be cemented. Another ermarkable property is the heat resistantce of **ebalta** repairing paste. Suitable substrates are such as steel plate, aluminium and iron casting.

Working temperature range: 100 °C

Storing

At room temperature (18 – 25°C) and closed original containers storage life is 6 months.
Partly used containers have always to be closed and the material has to be used up 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.

ebalta UK Limited . B2 Langham Park, Trent Lane . Castle Donington . Derbyshire DE74 2UT
t: +44 1332 814700 . **f**: +44 1332 814775 . **e**: info@**ebalta**.co.uk . **w**: www.**ebalta**.co.uk