

Basis	PU coupling paste
Resin	KP 8 Comp. A
Hardener	KP 8 Comp. B
Colour	grey

Applications

- Couplingpaste hard elastic PU resin
- Couplingpaste for aluminium carrier in front layer casting

Properties

- well spreadable
- good bonding agent

Processing data

Product		Mixture KP 8 / Comp. A+B	Resin KP 8 Comp. A	Hardener KP 8 Comp. B
Colour		grey	grey	brown
Mixing ratio	p. b. w.		100	28
Viscosity at 25°C	mPas	thixotrop	thixotrop	100 ± 30
Density at 20°C	g / cm ³	1,24 ± 0,02	1,24 ± 0,02	1,24 ± 0,02
Pot life 100 g / 20°C	min.	20 - 25	-	-
Curing time at RT	hrs.	-	-	-

Physical data

Properties	Inspect. requirem.	Unit	Value
Flexural strength	EN ISO 178	MPa	-
Flexural elongation at break	EN ISO 178	%	-
Flexural modulus	EN ISO 178	MPa	-
Tensile strength / test piece type 2	ISO 37	MPa	15 ± 2
Elongation at break / test piece type 2	ISO 37	%	100 ± 10
Impact resistance (Charpy)	EN ISO 179	kJ/m ²	-
Compressive strength	EN ISO 604	MPa	-
Shore hardness	DIN ISO 7619-1	Shore D	60 ± 3
Coefficient of thermal expansion	internal test / Dilatometer	10 ⁻⁶ K ⁻¹	-

Sales units (packages)

Packing size A-Pack KP 8 / Comp. A+B 12 x 0,200 kg Comp. A / 12 x 0,056 kg Comp. B = 3,072 kg

Processing instructions

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

Mixing ratio resin/hardener according to instructions.
Stirring rods etc. with residual resin can be easily cleaned with **ebalta** cleaning agent.

A working procedure depending on the ambient conditions:
- Backfilling can be carried out after approx. 3 hours
- Intermediate layer adhesion to the aluminium substrate (free of oxides), or a PU backfill (e.g. GM 727), is possible for up to 24 hours.

In General

This product is a polyurethane system.

KP 8 is employed to improve the adhesion of our hard-elastic systems OH 49-1, GM 984-1, GM 984-2, GM 986-1 and GM 987-2 and should applied thin.

The postcured material is not UV stable and darkens by and by. However according to our experience the change in colour does not affect its utilizability.

The physical end properties are reached after 7 days at room temperature.

Storing

At appropriate storage 18-25°C.

Occuring crystallization due to disadvantageous storage conditions can be made return by warming up the material at approx. 60° C.

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

Shelf life: see labels

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.