

NEUKADUR KL 65

2-C Adhesive Based on Epoxy Resin

altropol

Main features

- unfilled
- low-viscous
- fast curing
- highly reactive

Applications

- quick and large-surface glueing of tooling boards (e. g. NEUKADUR PU 60)

Properties in the non-crosslinked state (approx. values)

		NEUKADUR KL 65 Comp. A	NEUKADUR KL 65 Comp. B	NEUKADUR Hardener T 3
Colour		amber	colourless	amber
Mixing ratio	p.b.w.	100	50	20
Density (20 °C)	g/cm ³	1.1	0.95	0.95
Viscosity (20 °C)	mPa·s	30,000	30,000	200

Properties of the mixture at 20 °C (approx. values)

Mixed viscosity	mPa·s		30,000	4,500
Density	g/cm ³	DIN 53479	1.0	1.0
Curing time (1mm)	hours		5	18
Pot life (100 g)	minutes		10	30

Mechanical values of the cured product after 7 days of storage at RT* (approx. values)

Hardness	Shore D	DIN 53505	80	80
Dimensional stability under heat	Martens °C	DIN 53458	120	90
Tensile strength	N/mm ²	DIN 53504 - S3	47	43
Elongation	%	DIN 53504 - S3	2	2

*RT = room temperature

How to process the material

Stir up resin component thoroughly.

After having mixed resin and hardener intensively, apply the compound on the clean and fat-free surfaces by means of a short-haired brush.

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Form of delivery

NEUKADUR KL 65 Comp. A	1 kg	5 kg	220 kg
NEUKADUR KL 65 Comp. B	0.5 kg		
NEUKADUR Hardener T 3	0.2 kg	1 kg	

Storage

We recommend keeping the material in tightly closed original receptacles at temperatures of 20 - 25 °C. When duly stored, the material can be used within the shelf life indicated on the labels (the first 2 digits of the batch number indicate the week, the 3rd digit indicates the year).

Measure of precaution

With the aid of the current safety data sheets, which contain physical, ecological, toxicological and other data relating to safety, the user can inform himself on the safe handling and storage of the products.

Our technical service - in words, in writing or by trials - is given according to the current state of our knowledge. It does however not relieve the customer/user from the duty to check by himself if the products supplied by us are suitable for the intended processes and purposes. Application, use and processing of the products take place beyond our control possibilities and lie therefore exclusively in the area of responsibility of the processor. Any existing property rights of third parties are to be considered. We guarantee the perfect quality of our products in accordance with our general terms and conditions of business. When handling our products you have to observe the legal rules and the rules for the industrial hygiene. As for the rest, we refer to the corresponding safety data sheets.

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