RAKU® TOOL



Multipurpose adhesive

Room temperature curing, long pot life

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Key Properties

- · Room temperature curing
- Long pot life
- Easy to mix
- Slightly thixotropic

Applications

- Universally applicable adhesive
- Especially suitable for working boards (WB) (exception WB-0700)
- For bonding metals after respective pretreatment

Processing Properties

		Unit	EL-2210	EH-2910-1
Color	visual		opaque	yellowish
Mix ratio		pbw	100	60
Density	DIN 2811-1	g/cm³	ca. 1.17	ca. 0.96
Viscosity at 25 °C	DIN 53019-1	mPa·s	10,000 - 50,000	20,000 - 30,000

		Unit	EL-2210 / EH-2910-1
Mix viscosity at 25 °C	DIN 53019-1	mPa·s	10,000 - 25,000
Pot life at 25 °C	500 ml	min	50 - 60
Machinable		h	16

Cured / Mechanical Properties

Cure		Unit	EL-2210 / EH-2910-1 7 days at RT or 14h at 40°C
Color		visual	opaque
Density	ISO 1183	g/cm³	ca. 1.10
Hardness	ISO 868	Shore D	80 - 85
Deflection temperature, HDT	ISO 75	°C	50 - 55
Glass transition temperature, Tg	DSC	°C	53 - 58
Flexural strength	ISO 178	MPa	85 - 95
Flexural modulus	ISO 178	MPa	2,300 - 2,800
Tensile shear strength aluminum sandblasted	ISO 4587	MPa	11 - 14

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Processing

The processing temperature and material temperature should be between 20-25°C.

Mix the two components thoroughly in the ratio indicated and apply to both sides of the surface to be bonded.

Packaging	
RAKU® TOOL EL-2210	6 x 1,25 kg
RAKU® TOOL EH-2910-1	6 x 0,75 kg

Storage

Original containers should be kept tightly sealed and stored at ambient temperatures (15°C to 30°C). If properly stored the products have the shelf-life indicated on the product label. Partly used containers should always be sealed appropriately and used up as soon as possible.

Handling precautions

Good workplace ventilation is to be ensured during processing. At the same time, the employer's liability insurance association's industrial hygiene safety regulations regarding the handling of reaction resins and their hardeners are to be observed. Please take heed of the appropriate safety data sheets.

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Our recommendations on the use of the material are based on many years of experience and current scientific and practical knowledge. They are, however, provided without any obligation on our part and do not relieve the buyer of the need for suitability tests. They do not constitute a legal relationship, nor are any protected third party rights whatsoever affected thereby. The technical data sheet is not a specification, but contains only approximate values.