

RAKU® TOOL CP-6050 Resin / CP-6070 Resin with EH-2936-2 Hardener



Repair Systems for Epoxy Close Contour Pastes

Rapid Cure at RT

Key Properties

- Slump resistant on vertical surfaces in layers up to 20 mm thickness
- Sufficient pot life with rapid curing
- Similar mechanical properties to those of cured Close Contour Pastes

Applications

- Repair of Close Contour Pastes CP-6050, CP-6070

Processing Properties

			CP-6050 Resin	EH-2936-2 Hardener
Color	visual		light brown	white
Mix ratio		parts by weight	100	70
		parts by volume	100	42
Density	ASTM D-792	lb/ft ³ (g/cm ³)	ca. 31 (0.50)	ca. 52 (0.83)

			CP-6070 Resin	EH-2936-2 Hardener
Color	visual		brown	white
Mix ratio		parts by weight	100	50
		parts by volume	100	42
Density	ASTM D-792	lb/ft ³ (g/cm ³)	ca. 44 (0.70)	ca. 52(0.83)

			CP-6050 / EH-2936-2
Pot life at 77 °F (25 °C)	100 ml	min	15 – 20
Layer thickness		mm	20
Machinable after (77 °F / 25 °C)		min	90 – 120

			CP-6070 / EH-2936-2
Pot life at 77 °F (25 °C)	100 ml	min	15 – 20
Layer thickness		mm	20
Machinable after (77 °F / 25 °C)		min	90 – 120

Cured / Mechanical Properties

Cure: 7 days at RT or 14h at 104°F (40°C)			CP-6050 / EH-2936-2
Appearance	visual		light brown
Density	ASTM D-792	lb/ft ³ (g/cm ³)	ca. 36 (0.57)
Shore hardness D	ASTM D-2240		55 – 60
Deflection temperature, HDT	ISO 75	°F / °C	122 – 131 / 50 – 55

Cure: 7 days at RT or 14h at 104°F (40°C)			CP-6070 / EH-2936-2
Appearance	visual		brown
Density	ASTM D-792	lb/ft ³ (g/cm ³)	ca. 47 (0.75)
Shore hardness D	ASTM D-2240		65 – 70
Deflection temperature, HDT	ISO 75	°F / °C	122 – 131 / 50 – 55

Processing

The processing and material temperature should be between 68-77 °F (20-25 °C).

Mix the two components thoroughly in the ratio indicated and apply by spatula.

Packaging

RAKU® TOOL EH-2936-2 Hardener	6 x 0.5 kg / 0.5 kg
RAKU® TOOL Close Contour Pastes	see individual data sheets

Storage

Original containers should be kept tightly sealed and stored at ambient temperatures 59-86°F (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.