

Körapur 125



One component elastic adhesive and sealant for primed and varnished metals, aluminium, wooden materials, air conditioning and heating equipment, metalwork, etc.

- Resistant to temperatures from -40°C (-40°F) to 90°C (190°F) (up to 120°C (250°F) for short intervals)
- Overpaintable with most varnishes
- Good resistance to humidity and weathering

TECHNICAL DATA

Base	One component polyurethane, fully curing with humidity	
Colour	white, grey and black (special colours on request)	
Density	approx. 1,2	g/cm^3
Viscosity	Pasty, spreadable with a blade or with a putty gun, low slump	
Time for skin formation	approx. 45	min
Curing	approx. 3	mm (on the first day)
Change in volume	approx. 6	%
Shore A hardness	approx. 45	
Elongation at tear	approx. 450	%
Tensile strength	approx. 2,0	N/mm^2
Tear propagation strength	approx. 9	N/mm
		DIN 50 014 / SA 23/50-2
		DIN 50 014 / SA 23/50-2
		DIN 52 451
		DIN 53 505
		DIN 53 504
		DIN 53 504
		DIN 53 515

PROCESSING

Processing temperature

5°C to 35°C
(40°F to 95°F)

Preparation

The surfaces to be bonded must be clean, dry and free of grease. Adhesion to and compatibility with plastic materials and lacquers must be individually tested.

For cleaning dirty surfaces, Körasolv PU or CR are recommended. In case of powder coated substrates Körasolv WL should be used. To improve bond strength on non-absorbant surfaces such as glass, glass-fibre reinforced plastics, plywood, aluminium, stainless steel, etc. we recommend to apply our product Körabond HG 81. For absorbant surfaces such as wood use Körabond HG 74.

For plastics, e. g. ABS or PVC, bond can be strengthened with Körabond HG 77 or HG 81.

Preliminary tests are required.

Bonding

Apply the material to the substrate with a blade or a putty gun. The dimensions of the layers have to be designed for expected loads.

Join part B within 10 minutes and fix. Due to the pasty consistency, we recommend to fix the bonded materials until complete curing.

The curing will depend on temperature, air humidity and dimension of the seam (or joint).

CLEANING

Körasolv PU
Clean tools immediately after use.
Cured material can only be removed mechanically.

SPECIAL NOTES**Storage**

Do not store at temperatures above 25°C.

Drums and hobbocks: 9 months
Cartridges and sachets: 12 months

Precautions

When using Körapur 125, avoid direct skin contact of the uncured material.
Wear protective gloves.

SAFETY

Please notice the indications on our EC-safety-data-sheets and the safety-indications on the labels of each product for the treatment of our products.

Especially the directions of the Dangerous Substance Regulation have to be respected.

Keep the EC-safety-data-sheet of the product you treat ready to hand. It gives you valuable indications for the safe usage, disposal and in case of accidents.

PACKAGING UNITS

310 ml aluminium cartridge (1 carton = 12 cartridges)
300 ml sachets (1 carton = 15 sachets)
600 ml sachets (1 carton = 12 sachets)
22 kg hobbock
230 kg drum

PRODUCT NUMBER

C 12100
C 12101
C 12102

For safety related data please refer to the safety data sheet!

Please note: All given data are based on careful examination in our laboratories and our past practical experience. These are non-binding indications. Given the high number of materials appearing on the market and the different methods of use which are beyond our influence and control, we naturally cannot accept any responsibility for the results of your work, also with regard to third party patent rights. We recommend that sufficiently thorough tests be carried out to ascertain whether the product described will meet the requirements of your particular case. Please also note our Terms of Sale, Delivery and Payment. This Product information replaces all previous issues.



KÖMMERLING CHEMISCHE FABRIK GMBH

Zweibrücker Str. 200 D-66954 Pirmasens
Phone +49 6331 56-2523
Fax +49 6331 56-2193

P.O. Box 2162
eMail
Internet

D-66929 Pirmasens
info@koe-chemie.de
www.koe-chemie.de



DIN EN ISO 9001:2000
Zertifikat: 01 100 044853
ISO 14001:2004
Zertifikat: 01 104 053913
OHSAS 18001:1999
Zertifikat: QA 05 116 4030