

PRODUCT INFORMATION

Körapop 240



KÖMMERLING CHEMISCHE FABRIK GMBH

Elastic, one component sealant and adhesive for vehicle bodywork, containers and vehicle manufacture, air conditioning and heating equipment, metalwork etc.

- Good adhesion to glass, many kinds of metal (zinc, aluminium, steel), varnished and primed materials, wooden materials, duroplastics, thermoplastics (except PE, PP, PTFE) and mineral substrates
- Good resistance to humidity and weathering, resistant to temperatures from -40°C to +90°C (up to +200°C for short intervals)

TECHNICAL DATA

Base Colour	POP-heteropolymer, one component, free of solvent, hardening through humidity black, white	
Density	1,41 g/cm ³	
Viscosity	Paste, spreadable, good stability	
Skin formation time	10 min	NK 23/50-2
Curing speed	3 mm (on the 1 st day) Thicker layers require more curing time.	
Hardness Shore A	55 (after 4 weeks)	DIN 53 505
Elongation at break	400	DIN 53 504
Tensile strength	3,2 N/mm ²	DIN 53 504, 2 mm
Resistance to tear propagation	21,0 N/mm	ASTM D624 Form B
Resistance to temperature	-40°C to + 90°C 45 min to +180°C 30 min to +200°C	

PROCESSING

Processing temperature

+5°C to +30°C.

Preparation

The surfaces to be bonded must be clean, dry and free of grease.

Adhesion and compatibility must be individually tested when used on plastics or varnish. **Körapop 240** can be used without primer on most materials. For strengthening the bond of absorbant materials such as wood and concrete, we recommend to use our primer **Körabond HG 74 E**. Adhesion on non-absorbant surfaces can be increased by using **Körabond HG 81**.

In that case, preliminary tests are required.

Bonding

Apply material with adhesive or sealant gun and join the second material during 10 minutes and press. The thickness of the layer depends on the types of material to be bonded. It is recommended to fix the bonded materials until the adhesive has cured. Curing speed depends on thickness of the layer, temperature and air humidity.

KÖRAPOP 240

CLEANING

Körasolv GL or Körasolv PU

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

SPECIAL NOTES

Tools

Blade or putty gun

Storage

Do not store at temperatures above +25 °C for longer periods

Shelf life for original closed packaging:

Cartridge:	9 months
Sachet:	12 months
Hobbock:	6 months
Drum:	6 months

Precautions:

Not suitable for glass bonding with permanent UV radiation to the bonding area.

SAFETY

Please read our Safety-Data-Sheet and the labels of each product before use.

Pay particular attention to the directions given in the Dangerous Substance Regulations.

Make sure the safety data sheet is readily available as it gives valuable information regarding the safe usage and disposal of the product and what to do in the event of an accident involving the product.

PACKAGING UNITS

300 ml cartridge (carton à 12 pcs.)

600 ml sachet (carton à 12 pcs.)

25 kg Hobbock

270 kg Drum

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

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