

PRODUCT INFORMATION

Körapop 225



KÖMMERLING CHEMISCHE FABRIK GMBH

Solvent-free, elastic one component sealant and adhesive for vehicle bodywork, containers and vehicle manufacture, air conditioning, heating equipment, metalwork etc.

- Good adhesion to glass, many kinds of metal (zinc, aluminium, steel), varnished and primed materials, wooden materials
- Good resistance to humidity and weathering
- Resistant to temperatures from -40 °C to +90 °C (up to +120 °C for short intervals)
- Good adhesion to duroplastics, thermoplastics (except PE, PP, PTFE) and mineral substrates

TECHNICAL DATA

Base	POP heteropolymer, one component, curing with humidity	
Colour	black, white, grey	
Density	1,44 g/cm ³	DIN 53 479
Viscosity	Paste, spreadable with a blade or with a putty gun, good stability	
Curing speed	3 mm (on the first day) Thicker layers require more curing time. Use of an acceleration paste is possible and reduces pot-life. Shore hardness and resistance to tear propagation are slightly reduced.	
Time for skin formation	25 min	DIN 50 014 NK 23/50-2 DIN 50 014
Change in weight	1 % (within 14 d)	DIN 53 505
Hardness Shore A	42 specimen thickness 6 mm, after 4 weeks	DIN 53 504 NSt. S3A
Elongation at break	500 %	DIN 53 504 NSt. S3A
Tensile strength	3,0 N/mm ²	DIN 53 504 NSt. S3A
Tear resistance	20 N/mm	ASTM D 624, Form B

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 paint. **Körapop 225** 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 74E**. Adhesion to non-absorbant surfaces can be increased by using **Körasolv CR, GL** or **PU** or our primer **Körabond HG 83** for degreasing.

In that case, preliminary tests are required.

Bonding

Apply **Körapop 225** with a putty gun. The thickness of the layer depends on the maximum loads and on the expected movement. Join the second material within 10 minutes and press. It is recommended to fix the bonded materials until the adhesive has cured. Curing speed depends on thickness of the adhesive layer, temperature and air humidity.

Körapop 225 is suitable for spraying with many varnishes immediately after application. After the skin formation, adhesion problems may occur in case of some particular varnish systems.

KÖRAPOP 225

CLEANING

Körasolv CR, GL or 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 for longer periods of time.

Shelf life for original closed packaging:

Cartridge:	15 months
Sachet:	15 months
Hobbock:	12 months
Drum:	12 months

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

25 kg Hobbock
 270 kg Drum
 310 ml PE-cartridge (carton à 12 pcs.)
 600 ml sachet (carton à 12 pcs.)

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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