

Körapop 220



KÖMMERLING CHEMISCHE FABRIK GMBH

Solvent-free, one-component, multifunctional, elastic adhesive and sealant 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 and wooden materialsElastic, duro-plastics, thermoplastics (except PE, PP, PTFE) and mineral substrates**
- **Good resistance to humidity and weathering**
- **Good temperature resistance from -40°C to +90°C (up to +120°C for short intervals)**

TECHNICAL DATA

Base	MS-Polymer, curing with humidity	
Colour	Black, white, grey	
Density	1,61 g/cm ³	DIN EN ISO 1183-1
Viscosity	Pasty, spreadable, good stability	Koe-method 100 005
Skin formation	20 Min.	Koe-method 100 109
Curing time	3 mm (on the first day) Thicker layers require more curing time.	Koe-method 100 256
Weight loss	1 % within 14 days	DIN 52 451
Shore A hardness	60 specimen thickness 6 mm, after 4 weeks	DIN EN ISO 868;
Elongation at break	300 %	DIN EN ISO 527; DIN 53 504
Tensile strength	1,9 N/mm ²	DIN EN ISO 527; DIN 53 504
Tear propagation resistance	12 N/mm	ASTM D624
Data at N C 23/50		

KÖRAPOP 220

PROCESSING

Processing temperature

+5 to +30°C

Preparation

The surfaces to be bonded must be clean and free of grease. Adhesion and compatibility must be individually tested when used on plastics or paint. **Körapop 220** can be used without primer on most materials. For strengthening the bond of absorbent materials such as wood and concrete, we recommend to use our primer **Körabond HG 74 E**. Adhesion to non-absorbent surfaces can be increased by using **Körasolv WL** or primer **HG 83** for degreasing.

In that case, preliminary tests are required.

Bonding

Apply **Körapop 220** with a putty gun. The thickness of the layer depends on the types of material to be bonded 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 220 can be overpainted wet-on-wet. preliminary tests are required. The coating reduces the ingress of humidity and the curing. The maximum movement capacity is usually limited by the coating.

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 for longer periods

Shelf life for original closed packaging:

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

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

On request

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.



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CERT

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