

Körapop 235



Solvent-free, 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 +80°C (up to +120°C for short intervals)**

Körapop 235 is suitable for spraying with many varnishes immediately after application. After skin formation, adhesion problems may occur in case of some particular varnish systems

TECHNICAL DATA

Base	POP heteropolymer, one component, curing with humidity	
Colour	black, white, grey (further colours on request)	
Density	1,44 g/cm ³	DIN 53 479
Viscosity	Paste, spreadable with a blade or a putty gun, good stability	
Curing speed	3 mm (on the first day) Thicker layers require more curing time. Use of an accelerating paste is possible and reduces pot-life. Shore hardness and resistance to tear propagation are slightly reduced.	DIN 50 014 SA 23/50-2
Change in weight	1 within 14 days %	DIN 50 014
Hardness Shore A	50 specimen thickness 6 mm, after 4 weeks	ISO 868 DIN 53505
Elongation at break	450 % Nst. S3A	ISO 527 DIN 53504
Tensile strength	3,1 N/mm ²	ISO 527 DIN 53504
Skin formation time	10 min	
Tear resistance	21 N/mm	ASTM D 624

KÖRAPOP 235

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 235 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 HG74E**.

Adhesion to non-absorbant surfaces can be increased by using **Körasolv CR, GL or PU** or our primer **Körabond HG 81** for degreasing.

In that case, preliminary tests are required.

Bonding

Apply **Körapop 235** with a putty gun. The thickness of the layer depends on the types of material to be bonded. 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.

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

cartridges: 9 months
sachets: 12 months
Hobcock: 6 months
drums: 6 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

310 ml cartridge (carton à 12 pcs.)

600 ml sachet (carton à 12 pcs.)

25 kg Hobcock

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.



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