

## PRODUCT INFORMATION

# Körapur 115



KÖMMERLING CHEMISCHE FABRIK GMBH

**One component elastic adhesive and sealant for the manufacture of containers, vehicles, vehicle bodywork and for bonding of panels and false floors**

- For primed and varnished metals, aluminium, wooden materials and duroplastics
- Overpaintable after curing
- Good adhesion to a wide range of substrates
- Good resistance to humidity and weathering
- Resistant to temperatures from  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ) to  $+90^{\circ}\text{C}$  ( $+190^{\circ}\text{F}$ ) (up to  $+120^{\circ}\text{C}$  ( $+250^{\circ}\text{F}$ ) for short intervals)

### TECHNICAL DATA

Base	One component polyurethane, curing by reaction with moisture	
Colour	White, grey and black	
Density	1.2 g/cm <sup>3</sup>	
Viscosity	Paste, spreadable, non-sag properties	
Time for skin formation	45 min	DIN 50 014 / SA 23/50-2
Curing	3 mm (on the first day)	DIN 50 014 / SA 23/50-2
Change in volume	7 %	DIN 52 451
Hardness Shore A	50	DIN 53 505
Elongation at tear	400 %	DIN 53 504
Tensile strength	1.4 N/mm <sup>2</sup>	DIN 53 504
Tear propagation strength	6 N/mm	DIN 53 515
Building-material class	B2	DIN 4102 part 1 + part 4

### PROCESSING

#### Processing temperature

$+5^{\circ}\text{C}$  to  $+35^{\circ}\text{C}$

**Körapur 115** temper on at least  $+15^{\circ}\text{C}$  before processing.

#### Preparation

The surfaces to be bonded must be clean, dry and free from dust and grease. For cleaning we recommend **Körasolv PU** or **CR**. In the case of powder coated substrates, **Körasolv WL** should be used.

To increase bond strength of non-porous substrates such as glass, glass-fibre reinforced plastics, aluminium, stainless steel, etc. we recommend the use of **Körabond HG 81**. For porous substrates such as wood, **Körabond HG 74 E** is recommended.

For certain plastics such as ABS or PVC we recommend the use of **Körabond HG 77** or **HG 81**.

Due to the diversity of substrates, preliminary tests are recommended.

#### Bonding

Apply the product to the substrates using a sealant applicator gun. If required, the product can be spread using a trowel. The thickness of the layer will depend on the type of materials to be bonded. The materials should be pressed firmly together within the skin formation time. Due to the low initial tack, we recommend mechanical fixing in some applications until a complete cure is obtained. The cure time is dependent on temperature, humidity and thickness of the joints.

# KÖRAPUR 115

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## CLEANING

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### Körasolv PU

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

## SPECIAL NOTES

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### Storage

Do not store at temperatures above +25°C  
Unopened packaging usable up to 9 months

### Tools

spatula or gun

### Precautions

When processing **Körapur 115**, avoid direct skin contact with the uncured material. Use of safety gloves is recommended.

## SAFETY

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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

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300 ml cartridge (carton à 12 pcs.)

570 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.



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ISO 14001  
BS OHSAS 18001