

## PRODUCT INFORMATION

# Körapur 177



**One component, flexible and high performance direct glazing sealant for vehicle glass**

- One component Polyurethane
- Suitable for cold application
- Good stability/workability – non sag
- Short cut-off string
- Suitable for use with integral aerials
- Prevents contact corrosion in aluminium-body vehicles

**TECHNICAL DATA**

|                               |  |   |
|-------------------------------|--|---|
| Base                          | One component polyurethane, rapid curing by reaction with moisture |   |
| Colour                        | Black  |   |
| Density                       | 1,26 g/cm <sup>3</sup>   |   |
| Viscosity                     | Paste, spreadable, non-sag properties                              |   |
| Tack free time                | 35 min   | DIN 50 014 / NC 23/50-2   |
| Curing                        | 3 mm (on the first day)  | DIN 50 014 / NC 23/50-2   |
| Electrical volume resistivity | 10 <sup>10</sup> Ω cm  |   |
| Hardness Shore A              | 55   | DIN 53 505  |
| Elongation at tear            | ≥ 600 %  | DIN 53 504  |
| Tensile strength              | 7,5 N/mm <sup>2</sup>  | DIN 53 504  |
| Temperature resistance        | - 40 °C to +100 °C   | with brief points at +120 °C  |
| Drive-away-times (cars):.     | 4 - 6 hours  | (respectively without and with double-sided airbags) according to FMVSS 212/208 |

# KÖRAPUR 177

## PROCESSING

### Processing temperature

+5 °C to +35 °C

### Preparation

The adhesion on normal vehicle varnishes generally does not require the use of primer. It is advisable to carry out preliminary adhesion tests on the support. Specific guidance regarding the use of primers may be obtained by submitting substrate samples to our laboratories.

The surfaces to be bonded must be clean, dry and free from dust and grease. It is necessary to apply **Körasolv CL 17** and **Körabond HG 17** on glass.

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

Avoid direct contact with isocyanate reactive substances, especially alcohol such as spirit, dilutions and cleaning compounds until the adhesive has attained full cure. This will prevent the adhesive from curing properly.

By direct or indirect contact with some other organic products preliminary tests are recommended.

## CLEANING

### Körasolv PU

Clean tools immediately after use.

Once cured material can only be removed mechanically.

## SPECIAL NOTES

### Storage

Can be stored for 12 months in its original packing (unopened container) at +5 ° to +25 °C in a cool, dry place.

Do not store at temperatures above +25 °C.

Keep away from wet areas, direct sunlight and heat sources.

### Precautions

When processing **Körapur 177**, avoid direct skin contact with the uncured material. Use of safety gloves is recommended.

### Drive away information

- Drive Away Time: 5 hours  
(+23 °C and 50% relative humidity)
- On vehicles fitted with both driver & passenger airbags
- Vehicle glass weight below 35 kg. Glass weight above 35 kg contact technical department

## 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

600 ml sachet (carton à 20 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**

KÖMMERLING CHEMISCHE FABRIK GMBH

Zweibrücker Str. 200

D-66954 Pimasens

Phone +49 6331 56-2000

Fax +49 6331 56-1999

eMail info@koe-chemie.de

Internet www.koe-chemie.de

