

PRODUCT INFORMATION

Ködiglaze P



Special adhesive for bonding insulating glass units into the window sash

- Good resistance to humidity, weathering and temperatures between -40°C and $+80^{\circ}\text{C}$
- High stability
- Cures also as one-component adhesive by humidity

TECHNICAL DATA

Base	Polyurethane, two-component	
Colour	A-component: white B-component: black	
Density		
- A-component	1,17 g/cm ³	DIN 53 479 ¹⁾
- B-component	1,35 g/cm ³	DIN 53 479 ¹⁾
- cartridge	1,17 g/cm ³	DIN 53 479 ¹⁾
Consistency	Paste, non-sagging	
Mix ratio		
- by weight	A-component : B-component = 10 : 1,15	
- by volume	A-component : B-component = 10 : 1	
Pot life	20 min	at $+23^{\circ}\text{C}$
Change in volume	6 %	DIN 52451
Hardness Shore A	48	DIN 53505
Elongation at break	450 %	DIN 53504
Tensile strength	2 N/mm ²	DIN 53504
Shear strength	2 N/mm ² (at a layer thickness of 2 mm)	DIN 53283
Tear resistance	9 N/mm	DIN 53515
¹⁾ standard climate 23/50-2 DIN 50 014		

PROCESSING

Processing temperature

$+15^{\circ}\text{C}$ to $+30^{\circ}\text{C}$

Processing machine

The material with accelerator is applied with two-part mixing and dosing machines. Please confer with the equipment manufacturer.

The one-component version is applied with a standard caulking gun.

Preparing the mixture

When using an automatic mixer ensure the mix ratio is correct. The mix ratio by volume is 10:1.

The mixed product must be applied within the indicated pot life. At higher temperatures the pot life is shorter. Prepare only the amount that can be applied within this period of time. Mixing tolerance: $\pm 10\%$.

Preparation

The substrates must be dry, clean and free from dust and grease. For cleaning we recommend **Körasolv GL**. Particularly for the cleaning of the secondary sealant **Ködiglaze Wash Cleaner** is recommended.

To increase bond strength of wood we recommend the use of **Ködiglaze Holz Primer**.

On surfaces like PVC, adhesion can be improved by using, **Ködiglaze PVC Primer**. Due to the diversity of substrates, preliminary tests are recommended.

Bonding (Ködiglaze P + accelerator)

The layer thickness must be dimensioned relating to the expected maximum shear stress.

Application occurs in the glazing rebate. Due to the pasty consistency the use of centring blocks is recommended.

Glazed windows can be handled in the production after 2 hours and are transportable after 12 hours at $+23^{\circ}\text{C}$ at the earliest.

KÖDIGLAZE P

Bonding (Ködiglaze P cartridge version)

The layer thickness must be dimensioned according to the expected maximum shear stress.

To accelerate curing it is recommended to moisten the joint with a water drizzle before the adhesive application.

Application occurs in the glazing rebate. Due to the pasty consistency the use of centring blocks is recommended.

The bonded element can be handled in production up to 2 hours after the application. After 2 hours the element must be stored aligned. It can be transported after 15 hours of storage at +23°C at the earliest.

CLEANING

To remove uncured adhesive, use **Köraclean R 100**.
Clean tools immediately after use with **Körasolv PU 677**.
Cured adhesive can only be removed mechanically.

SPECIAL NOTES

Storage

Store between +10°C and +25°C, dry and in unopened containers.

Shelf life for original closed packaging:

Cartridge: 12 months
Sachet: 12 months

A-component: 9 months
B-component: 9 months

(Note: B-component should be protected against frost!)

Precautions

When processing **Ködiglaze P**, avoid direct skin contact with the uncured material. Use of safety gloves is recommended. Local regulations and codes of practice relevant to Health Safety must be followed. Please contact the Kömmerling representative in your area for advice.

For the direct bonding of insulating glass units into the sash of windows, prior technical consultancy is absolutely required.

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

300 ml cartridge (carton à 12 pcs.)
600 ml sachet (carton à 12 pcs.)

A-component: 230 kg drum
(inner diameter: 571,5 mm)

B-component: 25,6 kg Hobbock
(inner diameter: 280mm)

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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