



Köräpop transparent

General Properties	Technology/Base	silane-modified polymer
	Type of Product	adhesive and sealant
	Curing	moisture curing
	Mechanical Properties	elastic
	Parts	one part system
	Color	transparent
	Product Benefits	high cold resistance excellent moisture resistance excellent weather resistance

Technical Data

General

Physical Properties		
Density	1.06 g/cm ³	DIN 53479
Solid-content by weight	100 %	
Loss on weight	1 %	after 14 d
Processing Guidelines and Parameters		
Storage Temperature	5 °C to 25 °C	
Processing Temperature	5 °C to 30 °C	
Recommended Minimum Layer Thickness	2 mm	
Curing		
Skin Formation Time ¹	10 min	Kö-test method 100109
Curing to Depth ²	3 mm/d	
Cured Material Characteristics		
Shore Hardness (Type A) ³	40	ISO 868 / DIN 53 505
Tensile Strength	3.0 MPa	DIN EN ISO 527
Elongation at Break	300 %	DIN EN ISO 527
Service Conditions		
Service Temperature	-60 °C to 90 °C	
Short-term temperature resistance (max. 1 h)	120 °C	

¹ Climate according to DIN 50 014

² within first 24 h; Climate according to DIN 50 014

³ after 28 d; thickness of specimen = 6 mm



Product Properties

Applications	Fields of Application	automotive construction industrial assembly transportation
Processing	Suitable Substrates	various galvanized steels various aluminum alloys various steel alloys duroplastics thermoplastics (except PE, PP, PTFE) glass wood
	Consistency	non-sagging pasty
	Surface Requirements	clean free of grease free of dust
	Surface Cleaning	Körasolv GL Körasolv PU Körasolv WL
	Adhesion Promoter (absorbing surface)	Körabond HG 74 E
	Adhesion Promoter (non absorbing surface)	Körabond HG 83
	Application Method	cartridge dispenser
	Product is free of	solvents
Cleaning	Cleaner for Tools	Körasolv PU Körasolv GL
Hints	Resistance Against UV Radiation	Not suitable for glass bonding with permanent UV radiation to the bonding area. Please ask your local sales office for products suitable for such applications.
	Stress Cracking	Bonding and sealing of plastics, like PMMA, ABS, polycarbonate, polystyrene can cause stress cracks. Please ask your local sales office for products suitable for such applications.
	Compatibility with Polystyrene Foams	Not suitable for bonding polystyrene foams. Please ask your local sales office for products suitable for such applications.



Additional Information

Storage

Körapop transparent should be used within the shelf life specified on the packaging. The storage stability only applies to material stored under appropriate conditions (original unopened containers, recommended storage temperature).

Safety

Please refer to the Material Safety Data Sheet (MSDS) for safety advice.

Preparation

For some substrates the use of mechanical pre-treatment and/or cleaner or primer is necessary to achieve good adhesion. Refer to the product properties section of this data sheet for special surface requirements and suitable adhesion promoters.

Processing

Refer to the technical data table regarding processing parameters. Low temperatures can cause a temporary increase in viscosity resulting in reduced extrusion and slower curing rates.

Cleaning

Clean tools immediately after use. Once cured, the material can only be removed mechanically. Appropriate cleaners are listed in the product properties table. For further information please contact your local sales office.

Dimensioning

The required thickness of the adhesive layer depends on the expected maximum strength and joint movement. We recommend a minimum layer thickness of 2 mm.

Disposal

Please refer to the Material Safety Data Sheet (MSDS) for appropriate disposal instructions.

IMPORTANT: Information, specifications, procedures and recommendations provided ("information") are based on our experience, and we believe this information to be accurate. No representation, guarantee or warranty is made as to the accuracy or completeness of the information or that use of the product will avoid losses or damages or give desired results. It is purchaser's sole responsibility to test and determine the suitability of any product for the intended use. Tests should be repeated if materials or conditions change in any way. No employee, distributor or agent has any right to change these facts and offer a guarantee of performance.

NOTE TO USER: by ordering/receiving product, you accept the **H.B. Fuller General Terms and Conditions of Sale** applicable in the region. Please request a copy if you have not received this documentation. These Terms and Conditions contain disclaimers of implied warranties (including but not limited to disclaiming warranties of fitness for a particular purpose) and limits of liability. All other terms are rejected. In any event, (1) **the total aggregate liability of H.B. Fuller** for any claim or series of related claims, however arising, in contract, tort (including negligence), breach of statutory duty, misrepresentation, strict liability, or otherwise, **is limited to replacement of affected products or refund of the purchase price for affected products.** (2) H.B. Fuller **shall not be liable** for **loss of profit, loss of margin, loss of contract, loss of business, loss of goodwill, or any indirect or consequential losses** arising out of or in connection with product supply. (3) Nothing in any term shall operate to exclude or limit H.B. Fuller's liability for fraud, gross negligence, death, or personal injury caused by negligence, or for breach of any mandatory implied terms unless permitted by law.

Kömmerring Chemische Fabrik GmbH

Zweibrücker Straße 200 - 66954 Pirmasens - Germany

Tel.: +49 6331 56-2000

Fax: +49 6331 56-1999

www.koe-chemie.de

info@koe-chemie.de

