

fischer fixit All Round Adhesive Gluing & Sealing KD
white, black, gray, transparent

Properties	Value (colored)	Value (transparent)	Unit	Method / Remarks
	System			
Chemical base	MS Polymer ®			
Solvent (VOC)	< 5	-	%	
Consistency	paste			
Density	1.47	1,04	g/ml	20 °C, EN 542
Color, cured adhesive	depending on type	crystal clear		
Storage temperature range	+5 to +25		°C	
Shelf life	12		months	
	Handling			
Application temperature range	+5 to +35		°C	
Tack free time	approx. 5	approx. 10	min	23 °C, 65 % rel. h.
Curing speed	3		mm/24 h	23 °C, 65 % rel. h.
Max. gap fill	bonding < 2		mm	
	sealing < 20		mm	
Application	One or both sided; entire surface, wavelike or in spots			

Properties	Value (colored)	Value (transparent)	Unit	Method / Remarks
Performance of cured material				
Hardness	50 ± 5	38 ± 5	Shore A	
Service temperature range	-40 to +90		°C	
Joint movement capability	± 20		%	
Weathering resistance	good			
Chemical resistance	refer to section below			
UV resistance	good			
Tensile strength	3.0	2,4	MPa	
Elongation at break	500	300	%	
Fire rating	B2			DIN 4102 part 1

Application

Structural elastic bonding in the building and metal working industry. Structural bonding applications in the automotive industry.

Powerful, elastic bonding of metals, plastics, concrete, brick, plasterboard, wood, render, ceramic, aircrete, fibre cement, Styrofoam®, HPL, pumice, PVC, ABS, cork, enamel, glass, natural stone (except transparent version) and many more.

For bonding polycarbonate with All Round Adhesive Gluing & Sealing KD transparent consider, that the bond is only adequate when glued strainless.

At least one of the components to be bonded must be absorbent. To bond two non-absorbent materials: see "directions for use" below.

Not suitable for bonding PE, PP, PTFE.

Properties / Features

- Multi-use
- High adhesive strength, seals like silicon
- Waterproof, sea- waterproof
- Ageing- and weather-resistant
- Adheres well to wet surfaces
- Vibration-damping, good tensile loads
- Paste-like, non-drip, therefore suitable for bonding on vertical areas or overhead use.
- Silicon- und solvent-free
- Paintable*

* fischer fix it All Round Adhesive Gluing & Sealing KD is paintable with many Paints and varnishes (excellent compatible with paints according to DIN 52452-A1). KD can be recoated wet in wet. Motion compensating sealants may not be fully coated. If this is required in exceptional cases, the coating has to tolerate the deformation of the sealant without any optical and/or mechanical defect (DIN 53452-4). With alkyd resin paints a drying retardation of the paint may occur. Because of the various available coating systems we advise to test the compatibility and the adhesion before using.

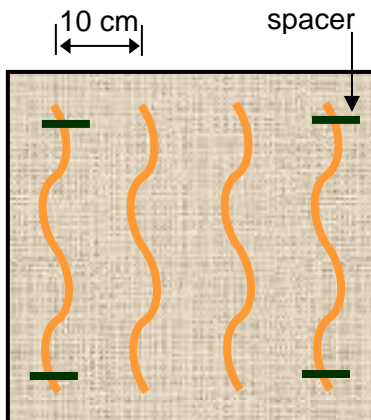
Surface cleaning

Surfaces must be clean and free of dust and grease.

Directions for use

Surfaces must be clean and free of dust and grease.
One of the materials to be joined together should be absorbent.
Use a soap solution to smooth before the skin forms.

To bond two non absorbent materials with each other, please note the following:
The adhesive must be applied in shape of parallel strings in a distance of about 10 cm. To guarantee rear ventilation, the substrates must not be pressed completely together. If necessary insert a spacer (for example a match without head) in the adhesive gap (see drawing below).



Cleanup

Before hardening – with cleaning solvent, after – mechanical cleaning.

Storage

Store at room temperature.

Chemical resistance

Good: water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkaline.
Poor: aromatic solvents, concentrated acids, chlorinated hydrocarbons.

Classification and Labelling

Labeling not required.

Only recycle when empty.

For further safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

The information in this adhesives brochure and our application-technology consulting, verbally and in writing, is given to the best of our knowledge, but is non-binding and is not a guarantee in the sense of § 443 BGB. We recommend that, before using our products, you check the suitability for the intended application. As the individual product can be used for a wide range of applications and the conditions on site that cannot be estimated, we also recommend testing the bonding before using the product.