

# SikaBond® - T2

Elastic PUR-adhesive for construction

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<b>Product description:</b>	SikaBond-T2 is a one-component adhesive based on polyurethane.				
<b>Fields of application:</b>	<p>SikaBond-T2 is an adhesive for the construction industry.</p> <p>SikaBond-T2 is especially designed for flexible fixation of concrete, wood and ceramics as well as common construction materials e.g. fibre cement, gypsum panels, steel, aluminium, hard-PVC, PUR and fibre boards, e.g. for fixation of window sills, pedestals for segregating walls in sanitary installations, stairsteps, crash protection boards, door and direction signs as well as structural adhesive for prefabricated house elements.</p>				
<b>Properties:</b>	<ul style="list-style-type: none"><li>● <b>1-component</b></li><li>● <b>high weather and ageing resistance</b></li><li>● <b>no pressure bonding</b></li><li>● <b>high initial adhesion</b></li><li>● <b>substrate levelling</b></li><li>● <b>can be overpainted</b></li><li>● <b>non-corrosive</b></li><li>● <b>wide adhesion spectre</b></li><li>● <b>vibration absorbent</b></li><li>● <b>noise absorbent</b></li><li>● <b>no discolouration of neighbourin areas by plasticizers nor binders.</b></li></ul>				
<b>Packaging:</b>	<table><tr><td>bags</td><td>600 ml (1 carton = 20 bags)</td></tr><tr><td>cartridges</td><td>310 ml (1 carton = 12 cartridges)</td></tr></table>	bags	600 ml (1 carton = 20 bags)	cartridges	310 ml (1 carton = 12 cartridges)
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<b>Colour shades:</b>	white, black				
<b>Shelf life:</b>	In original closed containers, cool and dry environment at temperatures between +10° C to +25° C: 9 months.				

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**Technical data:**

Characteristic values		References
chemical basis	polyurethane, 1-component, moisture and temperature curing	
tensile/shear strength	approx. 2,5 N/mm <sup>2</sup>	DIN 53 283
tensile strength	approx. 4 N/mm <sup>2</sup>	DIN 53 504
elongation at break	> 300%	DIN 53 504
propagation strength	approx. 9 N/mm <sup>2</sup>	DIN 53 515
Shore hardness A	approx. 55	DIN 53 505
curing speed*	approx. 4 mm / 24 hours	
skin formation time*	approx. 40 min.	
sag resistance	very good	DIN 52 454 U 16
specific gravity	1,14 + / -0,03 g/ml	DIN 53 479 B
application temperature	+5° C to +35° C	
service temperature	-40° C to +90° C (temporarily up to +120° C)	

\*23° C / 50 % relative air humidity

**Chemical resistance:**

Longterm resistant against water, seawater, lime water, aqueous detergents, dilute acids and lyes, public sewage. Temporarily resistant against fuels, mineral oils, vegetable and animal fats and oils. Not or only short time resistant against organic solvents and acids, concentrated lyes and mineral acids, paint thinners as well as alcohol.

**Application:**

Apply adhesive in cordon strips. A permanent fixation can be achieved without exercising pressure to the contact surfaces. The layer thickness of the adhesive should not be below 1 mm.

For further technical advice please contact Sika Chemie.

**Preparation of substrate:**

The substrate must be dense, clean, dry and free from dust and fat. For a permanent fixation the following adhesion promotors should be used (always depending on material):

Sika-Haftreiniger 1	for smooth surfaces
Sika-Primer 2	for porous surfaces
Sika-Primer 35 or 21	for plastics
Sika-Haftreiniger 1 + Sika Primer 35	for aluminium

These are only general remarks, for specific information contact your Sika office.

**Precautionary measures:**

Keep rooms well ventilated during application and curing.  
For details see safety data sheet.

Primers contain solvents and fall under transport class 3.2 or 3.3 respectively.  
Keep away open fire including welding works.

Cleaning:

Remove uncured material with Sika-Colma Cleaner or Sika Cleaner 5 respectively.

Fully cured material can only be removed mechanically!

Disposal:

Uncured SikaBond-T2 classifies as chemical waste. Cured material may be disposed of in normal domestic and trade waste.

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"The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied upon request."

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**Sika Chemie GmbH**  
International Division  
P.O. Box 40 07 60  
D-70407 Stuttgart / Germany  
Telephone +49-711-8009-603  
Fax +49-711-8009-607  
email: [export@de.sika.com](mailto:export@de.sika.com)



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