

# Statement of Approval



Approval No. **WP 1040005 HH**

The material described below complies with the applicable requirements as given in the Rules and Regulations of Germanischer Lloyd. On this basis the material is

approved as **Elastomeric Adhesive**

for the construction of components provided that the recommendations for use as specified by the producer are observed.

Type **Sikaflex 296**

Description **Single-Component Adhesive System based on Polyurethan**

Producer **Sika Schweiz AG  
Tüffenwies 16  
CH-8048 Zürich  
Switzerland**

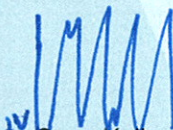
Normative Reference **Rules for Classification and Construction,  
II - Material and Welding Technology  
Part 2 Non-Metallic Materials**

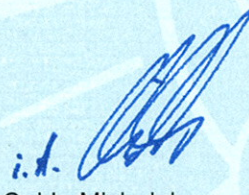
This document consists of this page and a one-page annex which is integral part of the approval.

This Statement of Approval is valid until 2014-02-07.

Hamburg, 2010-02-08

## Germanischer Lloyd

  
Sven Koller

  
Guido Michalek

# Statement of Approval



## ANNEX

Date: 2010-02-08

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Reference Documents Technical specifications deposited at Germanischer Lloyd Head Office.

Assessed Documents - Technical Data Sheet  
- Test Report 6756 dated 2005-04-13 issued by Sika Deutschland GmbH  
- Quality Assurance Documentation

Fields of Application Joining of components on condition that the adhesive material is compatible to the base materials and the applicable requirements of the Germanischer Lloyd are met.

Approved as class A and B adhesive for bonding of e.g. insulating glass, single-pane safety glass, rails for fastening seats, door frames, single-pane polymer glass and windbreakers.

Confirmed Values	Standard	Value
Shore A	DIN 53505	> 45
Fracture Strain at -20°C	DIN 53504	> 50%
Tensile Strength at 60°C	DIN 53504	> 1,5 Mpa
Resistance to Tear Propagation	DIN 53515	> 4 N/mm
Tensile Lap Shear Strength 23°C / 50% humidity	in acc. to DIN EN 1465	0,25 MPa
Tensile Lap Shear Strength 60°C	in acc. to DIN EN 1465	0,15 MPa
Creep Test after 90 days Conditioning	in acc. to DIN EN 1465 and DIN 50017	20%

Limitations Any significant changes in design and/or quality of the material will render the approval invalid.

Remarks This certificate supersedes the approval WP 0540003 HH.

End of Annex

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