



# DET NORSKE VERITAS

## EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2009/26/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-6560**

This is to certify that the  
**Surface materials and floor coverings with low flame-spread characteristics: Sealant**

with type designation(s)  
**Sikaflex® -2911**

Manufacturer  
**Sika Services AG**  
**ZURICH, Switzerland**

is found to comply with the requirements in the following Regulations/Standards:  
Annex A.1, item No. A.1/3.18e and Annex B, Module B in the Directive. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO FTP Code

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2010-11-17  
for Det Norske Veritas AS

**Eivind Mykland**  
Head of Department



Notified Body No.: **0575**

DNV local office:  
**Essen**

This Certificate is valid until  
**2015-11-17**

**Rolf Emilsen**  
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-6560  
Item No.: A1/3.18e  
Job Id.: 344.1-002875-1

### Product description

"Sikaflex®-291"  
one-component polyurethane sealant.  
Max amount: 200g/m<sup>2</sup>.  
Density approx: 1300 kg/m<sup>3</sup>.

### Applications/Limitations

Low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire, approved for use throughout the accommodation.

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.  
Each product is to be supplied with its manual for installation and use.

### Type Examination documentation

Test report No FX011256A including Appendix 2, dated 23 August 2010 from SP, Borås, Sweden.

Tested according to IMO FTPC Part 5 and Annex 2 item 2.2.

### Marking of product

The product or packing is to be marked with name of manufacturer, type designation and MED Mark of Conformity (see below).

### Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

- Module D: The quality system for production and testing shall be approved by the Notified Body.
- Module E: The quality system for inspection and testing shall be approved by the Notified Body.
- Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a of Certificate Conformity.

