



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 2010/68/EU, 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-7577**

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

with type designation(s)
SikaForce® - 7710 L100

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, 2012-02-22
for **Det Norske Veritas AS**

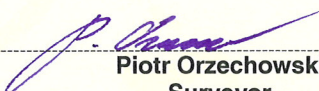


This Certificate is valid until
2017-02-22

Notified Body No.: **0575**


for **Marianne Strand Valderhaug**
Head of Department

DNV local office:
Essen


Piotr Orzechowski
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-7577
Item No.: A1/3.18e
Job Id.: 344.1-003438-1

Product description

“SikaForce® -7710 L100”

two components adhesive for sandwich panels.

Composed of: SikaForce® - 7710 L100 and SikaForce® - 7010 (hardener)

Applied amount of use: 250g/m² (wet product).

Application/Limitation

Approved for use as adhesive with low flame spread characteristics, not generating excessive quantities of smoke nor toxic products in fire.

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.2

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Test reports No PFB10014b, dated 1 December 2011 from Danish Institute of Fire and Security Technology (DBI), Denmark.


Tests carried out

Tested according to IMO FTPC 2010 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 Certificate of Conformity.

