

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Surface materials and floor coverings with low flame-spread characteristics: floor coverings

with type designation(s)
Sikaflex®-290 DC PRO

Issued to

Sika Services AG
Zürich, ZH, Switzerland

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2020/1170**,

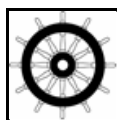
item No. MED/3.18c. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2025-08-31**.

Issued at **Hamburg** on **2020-09-01**

DNV GL local station:
Augsburg



for **DNV GL SE**

Approval Engineer:
Timo Linn

Notified Body
No.: **0098**

Gerhard Aulbert
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004, and amended by Decision No 1/2018 dated February 18th, 2019.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Job Id: **344.1-010996-1**
Certificate No: **MEDB000071N**

Product description

"Sikaflex®-290 DC PRO"

is a one-component polyurethane based joint sealing compound approved for use as floor covering on a non-combustible substrate having a thickness of 15 mm or greater.

Max. amount: 200 g/m²

Density: 1,3 Kg/m³

Maximum organic content: 75%

Approved colour: black

For further details see test report as referred below.

Application/Limitation

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

"Approved for use as decorative floor coverings on non-combustible substrate with a greater thickness than 15mm".

Several layers of floor coverings are acceptable provided that each layer is approved according to the Marine Equipment Directive and bear the mark of Conformity.

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code part 5 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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

Type Examination documentation

Test report no. 5P08543 issued on 2018-01-24 by SP Technical Research Institute of Sweden.

Certificate has been renewed based on the MED B Certificate 42312 -16 HH

Tests carried out

Tested according to IMO Res. MSC.307(88) – 2010 FTP Code Annex 1, Part 5 and in compliance with Annex 2, 2.2

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, Mark of Conformity and USCG approval number (see first page).