

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: paint systems

with type designation(s)
SCHÖNOX SHP

Issued to

Sika Deutschland GmbH
Rosendahl, Germany

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

Regulation **(EU) 2017/306,**

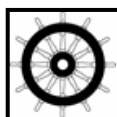
item No. MED/3.18b. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2020-03-31**.

Issued at **Hamburg** on **2017-06-14**

DNV GL local station:
Essen



for **DNV GL SE**

Approval Engineer:
Sven Jahnke

Notified Body
No.: **0098**

Sven Dudzsus
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.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Job Id: **344.1-006902-1**
Certificate No: **MEDB00002KY**

Product description

"SCHÖNOX SHP"

Is a very low emission, solvent-free, one component acrylate dispersion.

Approved colour: grey-blue
Maximum application: 100-150g/m²
Substrate: steel, 3mm

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.

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

Type Examination documentation

Test report No. 2015-1256 dated 2015-03-13 issued by Exova Warringtonfire, Frankfurt, Germany.

Tests carried out

Tested according to IMO 2010 FTP Code 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, the MED Mark of Conformity and USCG Approval Number if applicable (see first page).