

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00007XA**  
Revision No:  
**1**

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

## This is to certify:

**That the A & B Class divisions fire integrity: A class divisions.**

with type designation(s)  
**Sikafloor® Marine Litosilo X / Litosilo N**

Issued to

**Sika Services AG**  
**Zürich, ZH, Switzerland**

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

Regulation (EU) 2021/1158,

**item No. MED/3.11a. SOLAS 74 as amended, Regulation II-2/3.2 & II-2/9, IMO 2010 FTP Code, IMO MSC/Circ.1120 and IMO MSC.1/Circ.1434, IMO MSC.1/Circ.1435.**

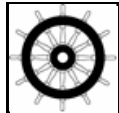
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-05-22**.

Issued at **Hamburg** on **2022-05-23**

DNV local station:  
**Augsburg**

Approval Engineer:  
**Timo Linn**



Notified Body  
No.: **0098**

for **DNV SE**

**Christine Mydlak-Roeder**  
**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) 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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 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 AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.



### Product description

“Sikafloor® Marine Litosilo X / Litosilo N”

Floating floor composed of a steel deck insulated on top with minimum 20 mm thick rock wool slabs designated “Rockwool Marineslab SeaRox SL 436” (density 140 kg/m<sup>3</sup>) and covered with minimum 25 mm thick concrete compound designated “Sikafloor Marine Litosilo X / Litosilo N” (density 1300 kg/m<sup>3</sup>).

An Alternative insulation can be used as follows:

Minimum 20 mm thick mineral wool U SeaProtect 90 manufactured by Isover.

For further details see test report stated under Type Examination documentation, below.

### Application/Limitation

Approved for use as a horizontal fire retarding division of class A-60.

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

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

### Type Examination documentation

Test report No. PX06834 dated 14<sup>th</sup> of December 2010 from SP Technical Research Institute of Sweden demonstrating Class A-60 deck.

Assessment No. 6P03918-6 Rev.1 dated 23<sup>rd</sup> of Oktober 2020 from SP Technical Research Institute of Sweden.

### Tests carried out

Tested according to IMO FTP Code Part 3 and Part 1 (Sikafloor Marine Litosilo N) and in compliance with IMO 2010 FTP Code Ch.8.

### 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, if applicable (see page 1).