DNV·GL

Certificate No:
MEDB00006EB

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

This is to certify:

That the "A" Class divisions, fire integrity

with type designation(s)
A-60 Deck SeaRox SL 620 25/40 mm

Issued to
Rockwool International A/S
Hedehusene, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397,**
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 **2025-02-24**.
Issued at **Høvik** on **2020-02-25**

DNV GL local station:
Denmark CMC

Approval Engineer:
Tessa Biever

Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
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 United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2019 dated February 22nd, 2019.

NORWEGIAN ACCREDITATION PROD 019

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Product description

"A-60 Deck SeaRox SL 620 25/40 mm"
Composed of structural steel deck insulated with a minimum 40 mm thick layer of mineral wool, type SeaRox SL 620 slab (manufactured by Rockwool with nominal density 100 kg/m^3) between the stiffeners and with minimum 25 mm thick of the same insulation around the stiffeners. Alternatively, minimal 40 mm of SeaRox ST 620 (manufactured by Rockwool with nominal density of 100 kg/m^3) around the stiffeners. The stiffeners cavity was filled with two layers of 50 mm thick SeaRox SL 620 slab (manufactured by Rockwool with nominal density 100 kg/m^3).

The insulation is fixed to the bulkhead by means of Ø3 mm pins in combination with minimal 30 mm diameter steel clips (spring washers). Distance between these pins is max. 300 mm.

For further details see documentation listed under Type Examination documentation.

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. PGA10982A dated 2017-01-27 from DBI, Hvidovre, Denmark.

Assessment report PHA11188A dated 2019-04-01 from DBI, Hvidovre, Denmark

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

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