

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB000016G
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

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

with type designation(s)
Steel Deck A60, floating floor

Issued to

Rockwool A/S
Hedehusene, Denmark

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

Regulation **MSN 1874 Amendment 6,**
item No. UK/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 **2027-02-20**.

Issued at **London** on **2023-01-05**

DNV local unit:
Sweden CMC



for **DNV UK Ltd.**

Approval Engineer:
Timo Linn

Approved Body No.: **0097**

Christine Mydlak-Röder
MER Service Responsible



Maritime &
Coastguard
Agency

UK Approved Body Authorised
by the MCA

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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. The product liability rests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV UK Ltd. of any changes to the approved equipment. 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. This certificate remains valid unless suspended, withdrawn, re-called, or cancelled.

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

“Steel Deck A60, floating floor”

Composed of steel deck insulated on upper side with one or two layers in equal thickness having a total thickness of min. 60 mm and max. 100 mm (see below table 1 for insulation types and further details). The insulation is manufactured by ROCKWOOL International A/S factories and installed with staggered joints. Two 1.5 mm thick steel sheets are bonded on top of the insulation by means of an adhesive.

Table 1

Insulation	Total thickness [mm]	Density [kg/m ³]	Organic content [% by weight]	Organic content [kg/m ³]
SeaRox SL 436	60 - 100	140	1.4	1.96
SeaRox SL 440	60 - 100	150	2.8	4.20
SeaRox SL 470	60 - 100	180	2.5	4.50
SeaRox SL 480	60 - 100	200	2.5	5.00

For further details, see test reports and drawings listed 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 Regulation and bear the MED 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 and maintenance.

Type Examination documentation

Test report No. F15 150070-04:01 dated 10 October 2015 from SP Fire Research AS, Trondheim, Norway
 Test report No. F15 150070-05:01 dated 4 December 2015 from SP Fire Research AS, Trondheim, Norway.

Drawing No. R-018 dated 26 August 2015 from Rockwool.
 Drawing No. R-024 dated 19 October 2015 from Rockwool.

Tests carried out

Tested according to IMO 2010 FTP Code part 3.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire-technical rating, UK Mark of Conformity (see page 1).