



TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB00004R0
Revision No:
2

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)

A-15 Steel Bulkhead with SeaRox FB 6040 35 mm or SeaRox FM 6040 35 mm

Issued to

Rockwool A/S
Hedehusene, Denmark

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

Regulation **MSN 1874 Amendment 7,**

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.1434,1435; IMO MSC.1/Circ.1616, 1621

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

This Certificate is valid until **2028-11-21**.

Issued at **London** on **2024-01-31**

DNV local unit:
Denmark CMC



for **DNV UK Ltd.**

Approval Engineer:
Tessa Biever

Approved Body No.: **0097**

Mydlak-Röder, Christine
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"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. In case limitations of use apply, these should be indicated in the Annex.

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

'A-15 Steel Bulkhead with SeaRox FB 6040 35 mm or SeaRox FM 6040 35 mm'

Composed of structural steel bulkhead insulated with a 35 mm thick layer of mineral wool of type 'SeaRox FB 6040' or 'SeaRox FM 6040' with a nominal density of 60 kg/m³ (manufactured by Rockwool International A/S) between stiffeners.

The insulation is fixed on the unexposed side by Ø 3 mm steel pins with Ø 30 - 38 mm washers. Maximum distance between pins is 300 mm.

For further details, see drawings listed under Type Examination documentation below.

Application/Limitation

Approved for use as a vertical fire retarding division of class A-15.

The insulation materials and adhesives used have to be approved according to the Marine Equipment Regulations and bear the UK 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. PGA11273A (FB) dated 28 August 2018 from DBI, Hvidovre, Denmark.

Supplement No. PGA11273A (FM) dated 7 August 2018 from DBI, Hvidovre, Denmark.

Drawing No. 2018002 dated 30 July 2018 from manufacturer.

Drawing No. 112-1 dated 24 September 2018 from manufacturer.

Drawing No. 112-2 dated 24 September 2018 from manufacturer.

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 the UK Mark of Conformity (see first page).