



TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB00002RZ
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)
Aluminium Bulkhead A60 with SeaRox FM 6040 ALU

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 **2027-08-29**.

Issued at **London** on **2023-07-25**

DNV local unit:
Sweden CMC



for **DNV UK Ltd.**

Approval Engineer:
Tessa Biever

Approved Body No.: **0097**

Christine Mydlak-Roeder
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

“Aluminium Bulkhead A60 with SeaRox FM 6040 ALU”

Composed of structural aluminium bulkhead insulated on each side with two layers of 35 mm thick mineral wool of type “SeaRox FM6040 ALU” (manufactured by Rockwool with a density of 60 kg/m³). On the stiffened side the insulation is applied between the stiffeners following their contours. The cavity of the stiffeners is empty.

The bulkhead insulation is held in place using standard 3 mm aluminium tipped steel pins and 38 mm steel clips (spring washers) with c/c of approximately 300 mm.

Maximum spacing between pins and adjacent joints is 250 mm and minimum stepping of horizontal joints is 200 mm.

For further details see drawing listed under Type Examination documentation.

Application/Limitation

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

General application: Fire against either side.

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 and maintenance.

Type Examination documentation

Test report No. PGA10980A Rev.2 dated 12 June 2017 from DBI, Hvidovre, Denmark.

Drawing No. 2017002 dated 3 January 2017 from manufacturer.

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 and UK Mark of Conformity (see first page).