



Marine & Offshore

Certificate number: 19958/C0 BV

File number: ACI 1000/353/031

Product code: 5001H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to

Rockwool International A/S

Hedehusene - DENMARK

for the type of product

A60 CLASS ALUMINIUM BULKHEADS

A-60 CLASS Aluminium Bulkhead

Requirements:

Bureau Veritas Rules for the Classification of Steel Ships Part C, Chapter 4

SOLAS 74 convention as amended, Regulations II-2/9, II-2/3.2

IMO Resolution MSC.61(67) - (2010 FTP Code) with IMO Res MSC.307(88) (2010 FTP Code) article 8

IMO MSC/Circ.1120

IMO MSC/Circ.1434

IMO MSC.1/Circ.1435

This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 17 Sep 2025

For Bureau Veritas Marine & Offshore,

At BV FREDERICIA, on 17 Sep 2020,

Jesper JENSEN



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

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BV Mod. Ad.E 530 June 2017

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

A-60 Aluminium bulkhead, SeaRox SL 620

Composed of Aluminium bulkhead insulated on both sides with minimum 2 x 30 mm mineral wool of type " SeaRox SL 620" of density 100 kg/m³ and on stiffeners side between stiffeners and upon stiffeners.

The bulkhead insulation is mounted with standard 3 mm steel pins and 38 mm steel clips (spring washers) at intervals of approx 300 / 400 mm. according to drawing.

2. DOCUMENTS AND DRAWINGS :

As per Manufacturer's drawings ALU Bulkhead A60 dated 05/03/2009

3. TEST REPORTS :

Test report N° 2009CS01950/1 dated 7 April 2009 as per FTP Code Annex 1 Part 3 [test standard : IMO Resolution A.754(18)], from RINA,Italy.

4. APPLICATION / LIMITATION :

4.1 - The fitting aboard to be the same as used for the test.

4.2 - The following component(s) shall comply with the requirements of the relevant Bureau Veritas rules and be type approved:

- the insulating material "SeaRox SL 620"
- any added finish surface material(s).

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The **A-60 Aluminium bulkhead** is to be supplied by Rockwool International A/S in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **Rockwool International A/S** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

6. MARKING OF PRODUCT :

The product or packing is to be marked with manufacturer name, type, designation and fire-technical rating.

7. OTHERS :

7.1 - It is **Rockwool International A/S**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2- This certificate supersedes the type approval certificate N° 19958/B0 BV issued on 07/09/2015 by the Society.

*** END OF CERTIFICATE ***