



CERTIFICATE NUMBER
EFFECTIVE DATE
EXPIRY DATE
ABS TECHNICAL OFFICE

22-2220356-PDA
26-Oct-2022
25-Oct-2027
London Engineering Department

CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

ROCKWOOL INTERNATIONAL A/S

located at

HOVEDGADEN 584, , DK-2640 HEDEHUSENE, Denmark

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: Bulkhead, A-30 bulkhead
Model: Steel Bulkhead A-30 with SeaRox FB 6020/SeaRox FM 6030 ALU
Endorsements:
Tier: 3 - Type Approved, unit certification not required

This Product Design Assessment (PDA) Certificate remains valid until 25/Oct/2027 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau Of Shipping

Karthik Subramanian, Engineer/Consultant

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

ROCKWOOL INTERNATIONAL A/S

HOVEDGADEN 584

DK-2640 HEDEHUSENE

Denmark

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Web: www.rockwool-rti.com

Tier: 3 - Type Approved, unit certification not required

Product: Bulkhead, A-30 bulkhead
Model: Steel Bulkhead A-30 with SeaRox FB 6020/SeaRox FM 6030 ALU
Endorsements:

Intended Service:

To form part of A-Class fire division on ABS Classed Vessels, Units or Facilities.

Description:

A bulkhead (structural steel core) insulated with one layer of minimum 70 mm SeaRox FB 6020, 40-100 kg/m³ on the level and with one layer of minimum 30 mm SeaRox FM 6030 ALU, 50kg/m³ on the stiffeners.

Rating:

Bulkhead, A-30 Bulkhead

Service Restriction:

- 1) Unit Certification is not required for this product. If the manufacturer or purchaser's request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances must be clearly defined.
- 2) Continuous compliance with the statutory requirements requires maintenance of the Full Type Approval. The scope of Type Approval is to comply with MSC.1/Cir. 1221 dated 1 December 2006.

Comments:

- 1) The Manufacturer has provided a declaration about the control of, or lack of Asbestos in this product.
- 2) Unless specifically directed by the Administration, this approval is not to be construed as a substitute of a flag Administration's approval for the purpose of SOLAS 2020, as amended.
- 3) In those instances where flag administration may have their own specific requirements, flag Administration's approval may be required.

Notes/Drawing/Documentation:

DBI Fire test report ref. PGA10658, Dated 26 March 2015
DBI Assessment Report ref. PHA10628a, Dated 7 July 2015
DBI Assessment Report ref. PHA10628b, Dated 7 July 2015
DBI Assessment Report ref. PHA10628c, Dated 7 July 2015
DBI Assessment Report ref. PHA10628d, Dated 7 July 2015
DBI Assessment Report ref. PHA10628e, Dated 7 July 2015
DBI Assessment Report ref. PHA10628f, Dated 11 August 2016
DBI Assessment Report ref. PGA10731, Dated 11 Dec 2015

Terms of Validity:

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STANDARDS

ABS Rules:

ABS Rules for Condition of Classification (2022): 1-1-4/7.7, 1-1-A3 & A4

ABS Rules for Condition of Classification -Offshore Units and Structures (2022): 1-1-4/9.7, 1-1-A2 & 1-1-A3

National:

NA

International:

IMO Resolution MSC.307(88) adopted on 3 Dec 2010 - 2010 FTP Code (2012 Edition): International Code for Application of Fire Test Procedures

Government:

NA

EUMED:

NA

OTHERS:

NA