



CERTIFICATE NUMBER	22-2313855-PDA
EFFECTIVE DATE	03-Jan-2023
EXPIRY DATE	02-Jan-2028
ABS TECHNICAL OFFICE	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: **Insulation Material for Fire Prevention**
Model: **Class A-60 Aluminium Deck**
Endorsements:
Tier: **3 - Type Approved, unit certification not required**

This Product Design Assessment (PDA) Certificate remains valid until 02/Jan/2028 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

Nitin Tyagi,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

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DK-2640 HEDEHUSENE

Denmark

Telephone: +31 475 353915

Fax:

Email: math.mourmans@rockwool.com

Web: www.rockwool-rti.com

Tier: 3 - Type Approved, unit certification not required

Product: Insulation Material for Fire Prevention

Model: Class A-60 Aluminium Deck

Endorsements:

Intended Service:

Fire Protection Deck

Description:

Structural Aluminium core insulated on exposed stiffened side with 2 x 30 mm mineral wool slabs with staggered joints. The mineral wool is Rockwool SeaRox SL 620 wool and was mounted to the Aluminium deck with steel pins and washers. The constructions are made according to the FTP Code, i.e. Aluminium thickness of 6 mm for the plate and 9 mm for the stiffeners.

See Drawing: Deck A60 dated 28 January 2009 for construction details.

Rating:

A-60

Service Restriction:

1. Unit Certification is not required for this product.
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.
3. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

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 Consolidated Edition) 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:

RINA Test Report no. 2009CS01950/1, dated 17 Feb 2009

Terms of Validity:

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Tier: 3 - Type Approved, unit certification not required

STANDARDS

ABS Rules:

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

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

National:

NA

International:

IMO FTP Code Resolution A.754(18) (Adopted on 4 Nov 1993)

Revalidated in accordance with section 5.2 of IMO Resolution MSC.307(88) (adopted on 3 December 2010) - 2010 FTP Code

Government:

NA

EUMED:

NA

OTHERS:

NA



CERTIFICATE NUMBER	22-2313855-PDA-DUP
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EXPIRY DATE	02-Jan-2028
ABS TECHNICAL OFFICE	London Engineering Department

CERTIFICATE OF Product Design Assessment

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

ROXUL ROCKWOOL INSULATION INDIA PVT. LTD.

located at

**PLOT Z/4 DAHEJ SEZ, , DAHEJ, DISTRICT BHARUCH, GUJARAT,
India, 392130**

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: Insulation Material for Fire Prevention
Model: Class A-60 Aluminium Deck
Endorsements:
Tier: 3 - Type Approved, unit certification not required

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ROXUL ROCKWOOL INSULATION INDIA PVT. LTD.

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Email: lukas.Vonsik@rockwool.com

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Tier: 3 - Type Approved, unit certification not required

Product: Insulation Material for Fire Prevention

Model: Class A-60 Aluminium Deck

Endorsements:

Intended Service:

Fire Protection Deck

Description:

Structural Aluminium core insulated on exposed stiffened side with 2 x 30 mm mineral wool slabs with staggered joints. The mineral wool is Rockwool SeaRox SL 620 wool and was mounted to the Aluminium deck with steel pins and washers. The constructions are made according to the FTP Code, i.e. Aluminium thickness of 6 mm for the plate and 9 mm for the stiffeners.

See Drawing: Deck A60 dated 28 January 2009 for construction details.

Rating:

A-60

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National:

NA

International:

IMO FTP Code Resolution A.754(18) (Adopted on 4 Nov 1993)

Revalidated in accordance with section 5.2 of IMO Resolution MSC.307(88) (adopted on 3 December 2010) - 2010 FTP Code

Government:

NA

EUMED:

NA

OTHERS:

NA