



CERTIFICATE NUMBER
EFFECTIVE DATE
EXPIRY DATE
ABS TECHNICAL OFFICE

24-2521724-PDA
13-Jun-2024
12-Jun-2029
London Engineering Department

CERTIFICATE OF Product Design Assessment

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

ROCKWOOL A/S

located at

**REPRESENTED BY ROCKWOOL TECHNICAL INSULATION,
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: Non-combustible insulation material
Model: Pipe Sections : ProRox PS 960, ProRox PS 970 & ProRox PS 971
Endorsements:
Tier: 3 - Type Approved, unit certification not required

This Product Design Assessment (PDA) Certificate remains valid until 12/Jun/2029 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 A/S

REPRESENTED BY ROCKWOOL TECHNICAL INSULATION

HOVEDGADEN 584

DK-2640 HEDEHUSENE

Denmark

Telephone: +31 475 353915

Fax:

Email: lukas.vonsik@rockwool.com

Web: www.rockwool-rti.com

Tier: 3 - Type Approved, unit certification not required

Product: Non-combustible insulation material
Model: Pipe Sections : ProRox PS 960, ProRox PS 970 & ProRox PS 971
Endorsements:

Intended Service:
Non-combustible stone wool materials.

Description:
Mineral wool insulation material (pipe sections)
ProRox PS 960: Nominal Density: 125 kg/m³, Organic Content (Nominal): 3%
ProRox PS 970: Nominal Density: 140 kg/m³, Organic Content (Average tested): 2.2%
ProRox PS 971: Nominal Density: 140 kg/m³, Organic Content (Nominal): 2.7%

Rating:
Non-combustible material in accordance with Annex 1 Part 1 of the 2010 FTP Code.

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.

Comments:
1) The Manufacturer has provided a declaration about the control of, or lack of Asbestos in this product.
2) Unless specially 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 (2014 Consolidated Edition), as amended, as well as when MED and USCG specific requirements needs to be complied with.
3) In those instances where flag administration may have their own specific requirements, flag Administration's approval may be required.

Notes/Drawing/Documentation:
DANAK Test Report #12, File PEB10089d Serial Number 14179 Dated 2013-10-09
DANAK Test Report #12, File PEB10079a Serial Number 14060 Dated 2013-08-06
Exova Warrington Fire Document Reference: 320946 Dated 14 September 2012

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STANDARDS

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ABS Rules:

ABS Rules for Condition of Classification, 2024: 1-1-4/7.7, 1-1-A3 & A4

ABS Rules for Conditions of Classification - Offshore Units and Structures, 2024: 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) - Annex 1 Part 1

Government:

NA

EUMED:

NA

OTHERS:

NA



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24-2521724-PDA-DUP
13-Jun-2024
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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**

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National:

NA

International:

IMO Resolution MSC.307(88) adopted on 3 Dec 2010 - 2010 FTP Code (2012 Edition) - Annex 1 Part 1

Government:

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EUMED:

NA

OTHERS:

NA