



Marine & Offshore
Division

Certificate number: 24478/B0 BV

File number: ACI 1000/129/75 to 78

Product code: 5210H

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

www.veristar.com

TYPE APPROVAL CERTIFICATE

This certificate is issued to
PAROC GROUP OY
HELSINKI - FINLAND

for the type of product
NON-COMBUSTIBLE MATERIALS
PAROC Marine Mat 30-100

Requirements:

BUREAU VERITAS Rules for the Classification of Steel Ships Part C, Chapter 4.

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, X/3.

IMO Resolution MSC.36(63) - (1994 HSC Code) 7

IMO Resolution MSC.97(73) - (2000 HSC Code) 7.

IMO Res MSC.307(88) (2010 FTP Code)

This certificate is issued to attest that BUREAU VERITAS 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: 06 May 2021

For BUREAU VERITAS,

At BV HELSINKI, on 06 May 2016,

Tommy Andersson



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. 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 Division 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 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.

The electronic version is available at: <http://www.veristarp.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=rvcvaeear2b>

BV Mod. Ad.E 530 October 2014

This certificate consists of 2 page(s)

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Designation	Description	Nominal density (kg/m ³)	Nominal organic content (%)
PAROC Marine Mat 30	Stone wool mat Thickness from 50 mm to 100 mm	30	1.4
PAROC Marine Mat 35	Stone wool mat Thickness from 50 mm to 100 mm	35	1.4
PAROC Marine Mat 80	Stone wool mat Thickness from 30 mm to 140 mm	80	0.6
PAROC Marine Mat 100	Stone wool mat Thickness from 30 mm to 140 mm	100	0.6

2. DOCUMENTS AND DRAWINGS :

PAROC Marine Mat 30, 35 and 80 : technical data sheet dated 12/10/2015.

PAROC Marine Mat 100 : technical data sheet dated 11/04/2013.

3. TEST REPORTS :

Designation	Test reports from VTT, Finland	Date of issue
PAROC Marine Mat 30	N° VTT – S-891-15	19/03/15
PAROC Marine Mat 35	N° VTT – S-892-15	19/03/15
PAROC Marine Mat 80	N° VTT – S-1080-15	19/03/15
PAROC Marine Mat 100	N° VTT – S-1077-15	19/03/15

All test reports are as per IMO 2010 FTP Code - Annex 1 Part 1.

4. APPLICATION / LIMITATION :

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

4.2 - The following component(s) shall have to comply with the requirements of BV Rules and be type approved :

- the insulating materials "**PAROC Marine Mat 30**", "**PAROC Marine Mat 35**", "**PAROC Marine Mat 80**" and "**PAROC Marine Mat 100**"

- any added finish surface material(s).

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The "**PAROC Marine Mat 30**", "**PAROC Marine Mat 35**", "**PAROC Marine Mat 80**" and "**PAROC Marine Mat 100**" are to be supplied by **PAROC GROUP OY** 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 - **PAROC GROUP OY** 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 **PAROC GROUP OY**'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° 24478/A0 BV issued on 06/07/2011 by the Society.

*** END OF CERTIFICATE ***