



Marine & Offshore
Division

Certificate number: 19365/C0 BV
File number: ACI 1000/129/72, 86, 87,
95-97
Product code: 5210H

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
PAROC GROUP OY
HELSINKI - FINLAND

for the type of product
NON-COMBUSTIBLE MATERIALS
PAROC Marine Fire Slab 80 - 100 - 110 - 120 - 140 - 150

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: 13 Feb 2022

For BUREAU VERITAS,
At BV HELSINKI, on 13 Feb 2017,
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 SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

Designation	Description	Nominal density (kg/m ³)	Organic content (%)
PAROC Marine Fire Slab 80	Stone wool fire slab	80	1.3
PAROC Marine Fire Slab 100	Stone wool fire slab	100	1.3
PAROC Marine Fire Slab 110	Stone wool fire slab	110	1.3
PAROC Marine Fire Slab 120	Stone wool fire slab	120	1.3
PAROC Marine Fire Slab 140	Stone wool fire slab	140	2.4
PAROC Marine Fire Slab 150	Stone wool fire slab	150	1.8

2. DOCUMENTS AND DRAWINGS:

PAROC Marine Fire Slab 80	Technical data sheet dated 08/03/2016
PAROC Marine Fire Slab 100	Technical data sheet dated 12/10/2015
PAROC Marine Fire Slab 110	Technical data sheet dated 12/10/2015
PAROC Marine Fire Slab 120	Technical data sheet dated 12/10/2015
PAROC Marine Fire Slab 140	Technical data sheet dated 04/01/2017
PAROC Marine Fire Slab 150	Technical data sheet dated 23/11/2016

3. TEST REPORTS:

Designation	Test reports	Date of issue
PAROC Marine Fire Slab 80	N° VTT – S-5285-15	12 November 2015
PAROC Marine Fire Slab 100	N° VTT – S-03967-16	28 September 2016
PAROC Marine Fire Slab 110	N° VTT – S-03968-16	28 September 2016
PAROC Marine Fire Slab 120	N° VTT – S-5290-15	18 November 2015
PAROC Marine Fire Slab 140	N° VTT – S-5562-15	9 December 2015
PAROC Marine Fire Slab 150	N° VTT – S-5560-15	27 November 2015

All test reports are according IMO 2010 FTP Code Annex 1, from VTT, Finland.

4. APPLICATION / LIMITATION:

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

5. PRODUCTION SURVEY REQUIREMENTS:

5.1 - The "PAROC Marine Fire Slab 80", "PAROC Marine Fire Slab 100", "PAROC Marine Fire Slab 110", "PAROC Marine Fire Slab 120", "PAROC Marine Fire Slab 140" and "PAROC Marine Fire Slab 150" 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° 19365/B0 BV issued on 27/02/2012 by the Society.

*** END OF CERTIFICATE ***