TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB00001Z8
Revision no.:
2

This Certificate is issued by DNV UK Limited, UKAS accredited certification body no. 6086, based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body (no. 0097) to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2025.

This is to certify:

that the **Non-combustible materials**

with type designation(s)
SeaRox - ProRox

issued to
Rockwool A/S
Hedehusene, Denmark

is found to comply with the Regulation **(UK) MSN 1874 Amendment 11** for
Item no. **UK/3.13** (Row **1 of 1**)
according to the following requirements:
SOLAS 74 Reg. II-2/3, SOLAS 74 Reg. II-2/5, SOLAS 74 Reg. II-2/9, IMO Res. MSC.36(63)-(1994 HSC Code) 7, IMO Res. MSC.97(73)-(2000 HSC Code) 7, SOLAS 74 Reg. II-2/16

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-01-23**

Expiry date: **2028-02-06**

DNV local unit:
Denmark CMC

Approval Engineer:
Tessa Biever

Approved Body No:: 0097

for **DNV UK Ltd.**

Digitally Signed By:
Christine Mydlak-Röder

Christine Mydlak-Röder
MER Service Responsible

Maritime & Coastguard Agency
UK Approved Body Authorised by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.
During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.
"The Mark of Conformity" may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2025, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

Product description
"SeaRox – ProRox"
Stone wool products in form of slabs, mats, wired mats, lamella mats and pipe sections.

For further information about trade names and approved densities see Appendix to this certificate.

Please see Appendix: Product Description

Application/Limitation
Approved for use as non-combustible materials.

Max. nominal organic content: See Appendix.

The product may be used as an integrated part of approved fire resisting divisions only when tested as such.

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Please see Appendix: Type Examination Documentation

Tests carried out
Tested according to IMO 2010 FTP Code part 1.

Marking of product
The product or packing is to be marked with name and address of manufacturer, type designation and the Mark of Conformity (see first page).

APPENDIX

Type Examination documentation

Certificate no.:
MERB00001Z8
Revision no.:
2

Document No.	Rev.	Title
PFB10165B		Test report SeaRox FB 6050
PFB10242A		Test report PFB10242A
PFB10047a		Test report dated 2012-10-30 from DBI, Hvidovre, Denmark - SeaRox MA 720 ALU
PFB10089a		Test report dated 2013-10-09 from DBI, Hvidovre, Denmark - SeaRox SL490
PFB10165A		Test report SeaRox FB 6020
PFB10267A		Test report SeaRox FM 6050 ALU
320946		Test report dated 2012-09-14 from Exova Warringtonfire, UK - ProRox
PFB10079a		Test report dated 2013-08-06 from DBI, Hvidovre, Denmark - ProRox PS 970
PFB10182A		Test report SeaRox FM 6040 ALU
PFB10620A		Test report PFB10620A
PFB10047b		Test report dated 2012-10-30 from DBI, Hvidovre, Denmark - SeaRox MA 740 ALU
PFB10089b		Test report dated 2013-10-09 from DBI, Hvidovre, Denmark - SeaRox SL 720
PFB10140b		Test report ProRox SL 960
PFB10235A		Test report ProRox LF 970
PFB10052c		Test report SeaRox SL 660
PFB10052b		Test report dated 2012-11-19 from DBI, Hvidovre, Denmark - SeaRox SL 436
PFB10089d		Test report dated 2013-10-09 from DBI, Hvidovre, Denmark - ProRox PS 960
PFB10140a		Test report ProRox SL 920
PFB10182B		Test report SeaRox FM 6030 ALU
PFB10344A		Test report SeaRox ST 620
PFB10334a		Test report SeaRox SL 640
PFB10052a		Test report dated 2012-11-19 from DBI, Hvidovre, Denmark - SeaRox SL 340
PFB10089c		Test report dated 2015-07-06 from DBI, Hvidovre, Denmark - SeaRox WM 660
PFB10165E		Test report SeaRox FB 6010
PFB10220A		Test report ProRox SL 930
PFB10469A		Test report SeaRox SL 600
2013CS011111 1		Test report dated 2013-05-07 from RINA, Italy - SeaRox WM 640
PFB10052e		Test report dated 2012-11-19 from DBI, Hvidovre, Denmark - SeaRox WM 950
PFB10028		Test report dated 2012-08-20 from DBI, Hvidovre, Denmark - SeaRox WM620
PFB10165F		Test report SeaRox FB 6040
PFB10308A		Test report SeaRox MA 7000 ALU
PFB10580A		Test report PFB10580A (SeaRox FM6020)

PFB10026	Test report dated 2012-04-30 from DBI, Hvidovre, Denmark - Marine Lamella Mat 32
PFB10081	Test report dated 2013-08-08 from DBI, Hvidovre, Denmark - SeaRox SL 620
PFB10140c	Test report ProRox SL 980
PFB10255A	Test report SeaRox SL 980
PFB10169C	Test report ProRox PS 970
PFB10242A	Test report from DBI, Hvidovre , Denmark.
PFB10052d	Test report dated 2012-11-19 from DBI, Hvidovre, Denmark - SeaRox SL 740
PFB10032	Test report dated 2012-08-20 from DBI, Hvidovre, Denmark - SeaRox SL640 - 2010 IMO FTP code

APPENDIX
Product Description

Certificate no.:
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Revision no.:
2

Product description
Trade names, form, density and supporting test reports:

Trade name	Form	Density [kg/m³]	Test report
SeaRox SL 300 – 390 (max. nominal organic content: 2.3%)	Slab	55 – 80	PFB10052a dated 2012-11-19 from DBI, Hvidovre, Denmark
SeaRox SL 400 – 490 (max. nominal organic content: 4.0 %)	Slab	100 – 240	PFB10052b dated 2012-11-19 from DBI, Hvidovre, Denmark PFB10089a dated 2013-10-09 from DBI, Hvidovre, Denmark
SeaRox SL 600 – 630 (max. nominal organic content: 1.1 %)	Slab	80 – 130	PFB10081 dated 2013-08-08 from DBI, Hvidovre, Denmark PFB10032 dated 2012-08-20 from DBI, Hvidovre, Denmark PFB10469a dated 2021-04-19 from DBI, Hvidovre, Denmark
SeaRox SL 640-660 (max. nominal organic content: 1.4%)	Slab	130 – 150	PFB10052c dated 2012-11-19 from DBI, Hvidovre, Denmark PFB10334a dated 2019-08-16 from DBI, Hvidovre, Denmark
SeaRox ST 620 (max. nominal organic content: 3.0%)	Slab	100	PFB10344A dated 2019-05-02 from DBI, Hvidovre, Denmark
SeaRox SL 700 – 790 (max. nominal organic content: 2.2%)	Slab	32 – 55	PFB10089b dated 2013-10-09 from DBI, Hvidovre, Denmark PFB10052d dated 2012-11-19 from DBI, Hvidovre, Denmark
SeaRox WM 600 (max. nominal organic content: 2.1%) SeaRox WM 610 – 690 (max. nominal organic content: 0.9%)	Wired Mat	90 – 150	PFB10028 dated 2012-08-20 from DB, Hvidovre, Denmark 2013CS011111/1+2 dated 2013-05-07 from RINA, Italy PFB10089c dated 2013-10-09 from DBI, Hvidovre, Denmark
SeaRox/ProRox WM 900 – 990 (max. nominal organic content: 1.5%)	Wired Mat	80 – 130	PFB10052e dated 2012-11-19 from DBI, Hvidovre, Denmark
SeaRox MA 700 – 790 (max. nominal organic content: 2.4%)	Mat	27 – 55	PFB10047a dated 2012-10-30 from DBI, Hvidovre, Denmark PFB10047b dated 2012-10-30 from DBI, Hvidovre, Denmark
SeaRox MA 7000 (max. nominal organic content: 2.2%)	Mat	26	PFB10308A dated 2018-09-13 from DBI, Hvidovre, Denmark
SeaRox LM 900 – 990 (max. nominal organic content: 1.6%)	Lamella Mat	32 – 45	PFB10026 dated 2012-04-30 from DBI, Hvidovre, Denmark
ProRox PS 930 – 990 (max. nominal organic content: 4%)	Pipe Section	100 – 140	PFB10089d dated 2013-10-09 from DBI, Hvidovre, Denmark PFB10079a dated 2013-08-06 from DBI, Hvidovre, Denmark 320946 dated 2012-09-14 from Exova Warringtonfire, UK PFB10169c dated 2015-07-06 from DBI, Hvidovre, Denmark PFB10242A dated 2016-12-21 from DBI, Hvidovre, Denmark
ProRox SL 920-980 UK (max. nominal organic content: 2.0%)	Slab	39 – 145	PFB10140a dated 2014-12-17 from DBI, Hvidovre, Denmark PFB10140b dated 2014-12-17 from DBI, Hvidovre, Denmark PFB10140c dated 2014-12-17 from DBI, Hvidovre, Denmark
SeaRox FB 6010 SeaRox FB 6020 SeaRox FB 6040 SeaRox FB 6050 (max. nominal organic content: 1.1%)	Slab	35 – 70	PFB10165E dated 2015-05-13 from DBI, Hvidovre, Denmark PFB10165A dated 2015-04-29 from DBI, Hvidovre, Denmark PFB10165F dated 2015-05-13 from DBI, Hvidovre, Denmark PFB10165B dated 2015-04-29 from DBI, Hvidovre, Denmark
SeaRox FM 6020 (max. nominal organic content: 1.1 %) SeaRox FM 6030 (max. nominal organic content: 1.1%) SeaRox FM 6040 (max. nominal organic content: 1.1%) SeaRox FM 6050 (max. nominal organic content: 1.1%)	Mat Mat Mat Mat	40 50 65 70	PFB10580A dated 2023-01-03 from DBI, Hvidovre, Denmark PFB10182B dated 2015-11-30 from DBI, Hvidovre, Denmark PFB10182A dated 2015-11-06 from DBI, Hvidovre, Denmark PFB10267A dated 2017-07-31 from DBI, Hvidovre, Denmark
ProRox LF 970 (max. nominal organic content: 0.6%)	Loose Fill	25 – 200*)	PFB10235A dated 2016-10-18 from DBI, Hvidovre, Denmark

SeaRox SL 950 (max. nominal organic content: 1.5%) SeaRox SL 960 (max. nominal organic content: 1.5%) SeaRox SL 970 (max. nominal organic content: 1.2%) SeaRox SL 980 (max. nominal organic content: 1.2%)	Slab	80-145	PFB10220A dated 2016-05-20 from DBI. Hvidovre, Denmark PFB10255A dated 2017-04-26 from DBI, Hvidovre, Denmark
ProRox GR 903 (max. organic content: 0.25%)	Granulated	192	PFB10620A dated 2023-12-20 from DBI, Hvidovre, Denmark

*)Loose Fill is typically used to fill (irregularly formed) shapes, gaps etc.
It is supplied in low density to the customer but it can be stuffed in high densities.