



DET NORSKE VERITAS

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-8714**

This is to certify that the
Non-combustible materials

with type designation(s)
SeaRox - ProRox

Issued to

Rockwool International A/S
HEDEHUSENE, Denmark

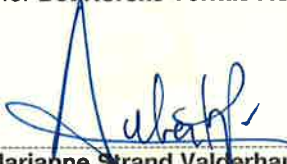
is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.13 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2/3 II-2/5, II-2/9 & X/3, 2000 HSC Code 7 and IMO FTP Code

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

Høvik, 2013-12-06
for Det Norske Veritas AS



This Certificate is valid until
2018-12-06

for

Marianne Strand Valderhaug
Head of Department

Notified Body No.: **0575**

DNV local office:
Copenhagen


Piotr Orzechowski
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-8714
Item No.: A.1/3.13
Job Id.: 344.1-004158-1

Product description

"SeaRox – ProRox"

Stone wool products in form of slabs, mats, wired mats, lamella mats and pipe sections.

Products having densities from 27 – 240 kg/m³.

For further Information about trade names and density see appendix to this certificate.

Application/Limitation

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

See appendix to this certificate.

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 of manufacturer, type designation, MED Mark of Conformity and USCG approval number if applicable (see below).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

USCG Approval

An U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of certificates of conformity for marine equipment" signed 17 October 2005.



Appendix Rev. 3 to MED-B-8714

Product description

Trade names, form, density and test reports

| Trade name | Form | Density (Kg/m ³) | Test report |
|--|--------------|------------------------------|--|
| SeaRox SL 300 – 390 | Slab | 55 – 80 | PFB10052a dated 2012-11-19 from DBI |
| SeaRox SL 400 – 490 | Slab | 100 – 240 | PFB10052b dated 2012-11-19 from DBI PFB10089a dated 2013-10-09 from DBI |
| SeaRox SL 600 – 690 | Slab | 100 – 150 | PFB10081 dated 2013-08-08 from DBI PFB10032 dated 2012-08-20 from DBI PFB10052c dated 2012-11-19 from DBI |
| SeaRox SL 700 – 790 | Slab | 32 – 55 | PFB10089b dated 2013-10-09 from DBI PFB10052d dated 2012-11-19 from DBI |
| SeaRox WM 600 – 690 | Wired Mat | 90 – 150 | PFB10028 dated 2012-08-20 from DBI 2013CS011111/1+2 dated 2013-05-07 from RINA PFB10089c dated 2013-10-09 from DBI |
| SeaRox/ProRox WM 900 – 990 | Wired Mat | 80 – 130 | PFB10052e dated 2012-11-19 from DBI |
| SeaRox MA 700 – 790 | Mat | 27 – 55 | PFB10047a dated 2012-10-30 from DBI PFB10047b dated 2013-10-30 from DBI |
| SeaRox LM 900 – 990 ALU | Lamella Mat | 32 – 45 | PFB10026 dated 2012-04-30 from DBI |
| ProRox PS 960 – 990 | Pipe Section | 100 – 140 | PFB10089d dated 2013-10-09 from DBI PFB10079a dated 2013-08-06 from DBI 320946 dated 2012-09-14 from Exova Warringtonfire |
| ProRox SL 920-980 | Slab | 39 – 145 | PFB10140a (Serial No. 14880) dated 2014-12-17 from DBI PFB10140b (Serial No. 14881) dated 2014-12-17 from DBI PFB10140c (Serial No. 14882) dated 2014-12-17 from DBI |
| SeaRox FB 6010 SeaRox FB 6020 SeaRox FB 6040 SeaRox FB 6050 | Slab | 35 – 70 | PFB10165E dated 2015-05-13 from DBI PFB10165A dated 2015-04-29 from DBI PFB10165F dated 2015-05-13 from DBI PFB10165B dated 2015-04-29 from DBI |

Place and date
 Høvik, 2015-09-28

Silje Helene Waagaard
 Surveyor

