



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 2002/75/EC, 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-4412

This Certificate consists of 3 pages

This is to certify that the
Non-combustible materials

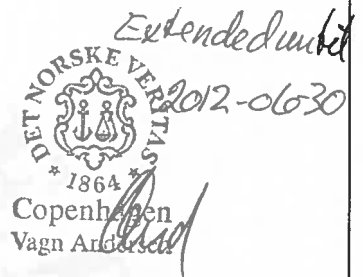
with type designation(s)

Rockwool Marine Firebatts 100-150

Manufacturer

Rockwool - Marine & Offshore A/S

Hedehusene, Denmark



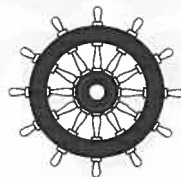
is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.13 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2/3.33, X/3, 2000 HSC Code 7.2.3 and IMO FTP Code.

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

Place and date

Høvik, 2007-09-05

for DET NORSKE VERITAS AS



Notified Body No. 0575

This Certificate is valid until

2011-12-20

for **Kristen Ulveseter**
Manager, MTPNO370
Department Systems & Components

Rolf Emilsen
Surveyor

DNV local office:
DNV Copenhagen



Notice: 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.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: MED-B-4412
Job Id.: 344.1-000237-8
Item No.: A.1/3.13

Product description

“Rockwool Marine Firebatts 100 – 150”
Stone wool of density between 100 – 150 kg/m³.

Alternative local trade names:

Rockwool Brannplate 110/150 (Norway)

Rockwool 750/HT660 (France-Benelux)

Rockwool 757 /France)

Rockwool 758 (Benelux)

Rockwool 759 (France)

Rockwool HC Firebatts 150 (Intn)

Roxul Marine Firebatts 100 – 150 (Malaysia)

Rockwool Firebatts 2000

Applications/Limitations

Not to be used as an integrated part of fire retarding divisions unless tested as such.

Each product is to be supplied with its manual for installation/application.

Type Examination documentation

Test Report PF11991 dated 2005-02-09 DIFT, Marine Firebatts 130

Test Report PF11668 dated 2004-01-20 DIFT, Marine Firebatts 110

Test Report 22NO10.10-99.007A dated 1999-01-14 SINTEF, BP 110

Test Report 2004CS01428-5 dated 2004-03-03 RINA, Marine Firebatts 100

Test Report 1155366 1A dated 2003-03-20 BV, Slab 759

Test Report 1155366 1B dated 2003-03-20 BV, Slab 757

Tested according to IMO FTPC Part 1 (IMO Res. A. 799(19)).

Marking of product


The product or packing is to be marked with name of manufacturer, type designation, the Mark of Conformity and USCG approval (see page 3).





Cert. No.: MED-B-4412
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Item No.: A.1/3.13

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 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" signed 17 October 2005.

END OF CERTIFICATE

