



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-4411

This Certificate consists of 3 pages

This is to certify that the
Non-combustible materials

with type designation(s)
Rockwool Marine Batts 27-55

Manufacturer

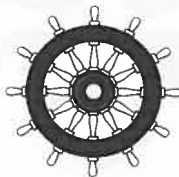
Rockwool - Marine & Offshore A/S
Hedehusene, Denmark

Extended until
2012-06-30
DET NORSKE VERITAS
* 1864 * SVLTS
Copenhagen
Vagn Andersen

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



This Certificate is valid until
2011-12-20

[Signature]
for Kristen Ulveseter
Manager, MTPNO370
Department Systems & Components

Notified Body No. 0575

[Signature]

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-4411
Job Id.: 344.1-000237-8
Item No.: A.1/3.13

Product description

“Rockwool Marine Batts 27-55”
Stone wool of density between 27-55 kg/m³.

Alternative local trade names;
Rockwool Stålstenderplate (Norway)
Rockwool Comfort Marine A (Norway)
Rockwool 203 (Benelux - France)
Rockwool 213 (Benelux – France)
Rockwool Shiprock (Germany)
Rockwool Shiprock Plus (Germany)
Rockwool Shiprock Alu (Germany)
Rockwool RP-V (Germany)
Rockwool Sonorock plus (Germany)
Roxul Marine Batts 27-55 (Malaysia)
Lose Steinwool RL

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 and use.

Type Examination documentation

Test Report PF11995 dated 2005-02-09 DIFT, Marine Batts 30-45
Test Report PF11847 dated 2004-06-29 DIFT, Marine Batts 35
Test Report PF11673 dated 2004-02-04 DIFT, MB32
Test Report 98-CVB-R1120 dated 1998-11 TNO INDUSTRIAL, SLAB 203
Test Report 98-CVB-R1121 dated 1998-11 TNO INDUSTRIAL, SLAB 213
Test Report 98-CVB-R1122 dated 1998-11 TNO INDUSTRIAL, SLAB 223
Test Report GEN11990100A 04 dated 1999-03-04 BV, 213
Test Report NN02/1811.1 dated 2002-01-29 TUV-Nord, Shiprock
Test Report PF11709c dated 2004-05-19 DIFT, Shiprock Alu
Test Report PF11813b dated 2004-04-29 DIFT, Shiprock Plus
Test Report NN99.19.3 dated 1999-09-07 BVHH, RP-V
Test Report NN02/1811.2 dated 2002-02-12, TÜV Nord, Bauqualität GmbH & Co. AG.

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






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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 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 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

