



MARINE DIVISION

Certificate number: 19959/A0 BV

File number: ACI 1000/353/022

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

ROCKWOOL A/S
Hedehusene - DENMARK

for the type of product

NON-COMBUSTIBLE MATERIALS

Rockwool Marine Batts

Requirements:

BV Rules Part C Chapter 4 - SOLAS 74, as amended, Chapter II.2

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: 24 Aug 2015

For BUREAU VERITAS,

At BV FREDERICIA, on 24 Aug 2010,

Arne Madsen



This certificate is recognized by Transport Canada

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 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 :

Rockwool Marine Batts

Mineral wool.

Trade name	Nominal density (kg/m3)	Operating company
Rockwool Marine Batts 32	32	Rockwool Scandinavia
Rockwool 203	32	Rockwool Benelux- France
Rockwool 213	39	Rockwool Benelux- France
Shiprock	27	Rockwool Deutschland
Shiprock plus	27	Rockwool Deutschland
Shiprock Alu	30	Rockwool Deutschland
RP-V	40	Rockwool Deutschland
Roxul Marine Batts 27- 55	27-55	Roxul Malaysia
Marine Comfort A	35	Rockwool Scandinavia

2. DOCUMENTS AND DRAWINGS :

N/A.

3. TEST REPORTS :

Trade name	Test report	Testing laboratories
Rockwool Marine Batts 32	PF 12489 / PF 11673	DIFT
Rockwool 203	98-CVB-R1120	TNO
Rockwool 213	98-CVB-R1121	TNO
Shiprock	PF 11813b	DIFT
Shiprock plus	PF 11813b	DIFT
Shiprock Alu	PF 11709c	DIFT
RP-V	NN99.19.3	TUV
Roxul Marine Batts 27- 55	PF 12489 / PF 11673	DIFT
Marine Comfort A	PF 11847	DIFT

As per IMO A799(19) resolution.

4. APPLICATION / LIMITATION :

None.

5. PRODUCTION SURVEY REQUIREMENTS :

The products are to be manufactured, examined and tested by Rockwool A/S in accordance with the type described in this certificate and Bureau Veritas Rules for the Classification of Steel Ships.

Production sites are to be recognized by Bureau Veritas as per NR320 for HBV products. To this end Rockwool A/S has to make the necessary arrangements for a Society's Surveyor to perform visits and product audits at the production sites.

6. MARKING OF PRODUCT :

The product or packing is to be marked with manufacturer name, type, designation and fire-technical rating.

7. OTHERS :

This approval is given with the understanding that the manufacturer will accept full responsibility for informing shipbuilders, shipowners or their sub-contractors of the proper methods of fitting and general maintenance of the approved equipment and the conditions of this approval.

***** END OF CERTIFICATE *****