



MARINE DIVISION

Certificate number: 19961/A0 BV

File number: ACI 1000/353/024

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 Slab

**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](http://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 Slab

Mineral wool.

Trade name	Nominal density (kg/m3)	Operating company
Rockwool Comfortplate 60	60	Rockwool Scandinavia
Rockwool Comfortplate 80	80	Rockwool Scandinavia
Rockwool Lydplate	60	Rockwool Scandinavia
Rockwool Akustikplate	60	Rockwool Scandinavia
Rockwool FF14	140	Rockwool Scandinavia
Rockwool T 150	150	Rockwool Scandinavia
Rockwool T 180	180	Rockwool Scandinavia
Rockwool Board 200-250	200-250	Rockwool Scandinavia
Rockwool 223	55	Rockwool Benelux
Rockwool 233	100	Rockwool Benelux
Rockwool 520	145	Rockwool Benelux
Rockwool 359	165	Rockwool France
Rockwool 361	165	Rockwool France
Rockwool 251	180	Rockwool France
Rockwool 757	115	Rockwool France
Rockwool 755	145	Rockwool France
Rockwool 590	145	Rockwool Benelux
Rockwool 360	175	Rockwool France
Rockwool 200	200	Rockwool France
Rockwool 231	70	Rockwool France
Rockwool 215	180	Rockwool France
Rockwool 379	135	Rockwool France

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RPA	60-75	Rockwool Deutschland
RAF-SE	35	Rockwool Deutschland
RPB-9	80	Rockwool Deutschland
RPB-12	110	Rockwool Deutschland
RPB-15	140	Rockwool Deutschland
RPI 13,5	135	Rockwool Deutschland
RPI 15	150	Rockwool Deutschland
RPI 17	170	Rockwool Deutschland
Silkrock 6 SE	60	Rockwool Deutschland
Silkrock 10 SE	100	Rockwool Deutschland
Conrock 8P	80	Rockwool Deutschland
Conrock 12,5	125	Rockwool Deutschland
Conrock 15	150	Rockwool Deutschland
Rockwool Rocklit 300	300	Rockwool Scandinavia
Roxul Marine Slab 200	200	Roxul Malaysia

## 2. DOCUMENTS AND DRAWINGS

None.

## 3. TEST REPORTS :

Trade name	Test report	Testing laboratories
Rockwool Comfortplate 60	22N010.10_99.163B	SINTEF
Rockwool Comfortplate 80	F10500	DIFT
Rockwool Lydplate	22N010.10_99.163B	SINTEF
Rockwool Akustikplate	22N010.10_99.163B	SINTEF
Rockwool FF14	PH 11443	DIFT
Rockwool T 150	PF11672	DIFT
Rockwool T 180	PF11672	DIFT
Rockwool Board 200-250	102010.10_02.201B	SINTEF
Rockwool 223	98-CVB-R1122	TNO
Rockwool 233	98-CVB-R1124	TNO
Rockwool 520	98-CVB-R1125	TNO
Rockwool 359	IEX3B970194X01	Bureau Veritas
Rockwool 361	IEX3B970194X01	Bureau Veritas
Rockwool 251	1040499-1	Bureau Veritas
Rockwool 757	1155366 1B	Bureau Veritas
Rockwool 755	1155366 1C	Bureau Veritas
Rockwool 590	98-CVB-R1125	TNO
Rockwool 360	GEN 1I980074 P01	Bureau Veritas
Rockwool 200	GEN 1I990100A 01	Bureau Veritas
Rockwool 231	GEN 1I990100A 05	Bureau Veritas
Rockwool 215	GEN 1I990100A 06	Bureau Veritas
Rockwool 379	IEX3B970194X02	Bureau Veritas
Rockwool 380	IEX3B970194X02	Bureau Veritas
RPA	PF 10845b	DIFT
RAF-SE	NN043940.1	TUV
RPB-9	NN98.14.1	TUV

RPB-12	NN98.142	TUV
RPB-15	NN98.14.3	TUV
RPI 13,5	NN054315.1	TUV
RPI 15	NN99.19.7	TUV
RPI 17	PF11708	DIFT
Silkrock 6 SE	NN01.21.1	TUV
Silkrock 10 SE	NN01.28.1	TUV
Conrock 8P	PF11892	DIFT
Conrock 12,5	PF11224b	DIFT
Conrock 15	PF22921c	DIFT
Rockwool Rocklit 300	PF12064	DIFT
Roxul Marine Slab 200	PF11992	DIFT

As per IMO A.799(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 \*\*\*