DNV·GL

Certificate No:
MEDB000016G

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the "A" Class divisions, fire integrity

with type designation(s)
Steel Deck A60, floating floor

Issued to
Rockwool International A/S
HEDEHUSENE, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/3.11a and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/3.2.5 and IMO 2010 FTP Code

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

This Certificate is valid until **2022-03-05**.

Issued at **Høvik** on **2017-03-06**

DNV GL local station:
Copenhagen

Approval Engineer:
Fryderyk Hoga

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

"Steel Deck A60, floating floor"
Composed of steel deck insulated on upper side with one layer or with two layers in equal thickness (installed with staggered joints) having a total thickness of minimum 60 mm and maximum 100 mm (see below table for details). The insulation is manufactured by ROCKWOOL International A/S factories. Two layers of 1.5 mm thick steel sheets are fitted on top of the insulation and glued together.

Insulation	Total thickness (mm)	Density (kg/m^3)	Organic content (% by weight)	Organic content (kg/m^3)
SeaRox SL 436	Minimum 60 Maximum 100	140	1.4	1.96
SeaRox SL 440	Minimum 60 Maximum 100	150	2.8	4.20
SeaRox SL 470	Minimum 60 Maximum 100	180	2.5	4.50
SeaRox SL 480	Minimum 60 Maximum 100	200	2.5	5.00

For further details, see test reports and drawings listed under Type Examination documentation below.

Application/Limitation

Approved for use as a horizontal fire retarding division of class A-60.

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

Each product is to be supplied with its manual for installation and maintenance.

Type Examination documentation

Test reports No. F15 150070-04:01 dated 10 October 2015 and F15 150070-05:01 dated 4 December 2015 both from "SP Fire Research AS", Trondheim, Norway.

Drawing No. R-018 dated 26 August 2015 from Rockwool.
Drawing No. R-024 dated 19 October 2015 from Rockwool.

Tests carried out

Tested according to IMO 2010 FTP Code part 3.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, MED Mark of Conformity and USCG approval number if applicable (see first page).