DNV·GL

Certificate No:
MEDB00001Z0

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)
DLP Floating Floor

Issued to
DMS A/S
Esbjerg, 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 **2022-01-11**.

Issued at **Høvik** on **2017-01-12**

DNV GL local station:
Fredericia

Approval Engineer:
Synnøve Bolstad Eri

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Job Id:
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Product description

"DLP Floating Floor"
Starting from steel deck and upwards:

Layer No.1	Min. 50mm SeaRox SL 436 or Paroc Marine Floor Slab 140, both with nominal density 140kg/m^3
Layer No.2	3mm galv. steel plate
Layer No.3	1 mm of PU-D20
Layer No.4	2mm galv. steel plate

Layer No. 2, 3 and 4 are fixed together with ø 4.8mm steel pop rivets or self-tapping screws, along edges and center line of steel plates.

PU-D20 is a two component damping layer with a nominal density of 1300kg/m^3.

Total thickness: 56 mm

For further details see test report 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 material and any adhesive and surface materials used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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

Type Examination documentation

Test Report No. PGA10009 serial No. 13146 dated 20 September 2011, from Danish institute of Fire and Security Technology, Hvidovre, Denmark. (SeaRox SL 436 (prev. Rockwoll Marine Slab 140))

Test Report No. FT16383 dated 24 October 2016 from Far East Fire Testing Centre (FEFTC), Shanghai, China. (Paroc Marine Floor Slab 140)

Drawing No. 001 dated 19 September 2011, from Danish Marine System, Denmark. (Rockwoll Marine Slab 140)

Drawing No. 001 dated 24 May 2016 from Danish Marine System, Denmark. (Paroc Marine Floor Slab 140)

Tests carried out

Tested according to IMO FTPC Part 3 and in compliance with IMO 2010 FTP Code Ch. 8, and 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, the MED Mark of Conformity and USCG approval number if applicable (see page 1).