

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000007E
Revision No:
1

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 Norway.

This is to certify:

That the Primary deck coverings

with type designation(s)
Weber Marine dB-Floor N

Issued to
Saint-Gobain Byggevarer AS
OSLO, Norway

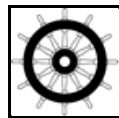
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
item No. MED/3.1. SOLAS 74 as amended, Regulation II-2/4, II-2/6 & X/3, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2022-11-26.**

Issued at **Høvik** on **2017-11-27**

DNV GL local station:
Oslo Maritime and CAP



for **DNV GL AS**

Approval Engineer:
Tessa Bieber

Notified Body
No.: **0575**

Vidar Dolonen
Head of Notified Body

A 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 Equipment" signed 17 October 2005.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-000284-38**
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Product description

"Weber Marine dB-Floor N",
composed of the following:

1. layer: 1-1,5 mm visco-elastic layer (ACM or DG-U1 green from Swedac).
2. layer: 10-15 mm Weber.floor 4660N Marine Elastic levelling compound. Weber.floor 4660N Marine Elastic is cement based, fibre-reinforced levelling compound with nominal density of 1,9 kg/m²/mm. Weber.floor 4670N Marine Base, Weber.floor 4675N Marine Flow Rapid, Weber.floor 4680N Marine Light or Weber. floor 4690N Marine Combi may also be used.
3. layer: 50 mm SeaRox SL 436 with nominal density of 140 kg/m³, or the following alternative insulations:
 - 50 mm Isover Ultimate U SeaProtect slab 90, nominal density 90 kg/m³,
 - 50 mm Isover SP/M 150, nominal density 150 kg/m³,
 - 50 mm Paroc Marine Floor Slab 140, nominal density 140 kg/m³.
 - 50 mm SeaRox SL 480, nominal density 200 kg/m³.
 - 50 mm SeaRox SL 660, nominal density 150 kg/m³.
4. layer: 1,2 mm fibertextile, GeoPro SI 401 from GeoTippTex, Hungary or equivalent with nominal density 135 g/m².
5. layer: Steel reinforcement net Ø 5mm, grid 150 x 150 mm.
6. top layer: 25 mm Weber.floor 4665N Marine Fire, cement based levelling compound with nominal density of 1,9 kg/ m²/mm.

Application/Limitation

Primary deck covering, not generating excessive quantities of smoke nor toxic products in fire.

Approved for use throughout the accommodation.

Not to be used as an integrated part of horizontal class A division unless tested as such.

The product may also be used as floor covering.

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

Type Examination documentation

Test report Nos.:

- 102010.70/02.315B dated 21 February 2003 from Norwegian Fire Research Laboratory (SINTEF) Trondheim, Norway (product name when tested: "Optiroc Marine Super Sound Floor").
- F714865 dated 4 October 2007 from SP, Sweden (DG-U1 green).

Assessment report Nos.:

- 103204.36 dated 12 April 2010 and 103205.23 dated 20 January 2014 from Norwegian Fire Research Laboratory (SINTEF) Trondheim, Norway.
- PX26920-4 dated 6 March 2015 from SP, Sweden (Additional thickness and layers)

Tests carried out

Tested according to IMO FTP Code Parts 5, 6 and IMO FTP Code Annex 2, item 2.2 and in compliance with IMO 2010 FTP Code Ch. 8.

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 if applicable (see page 1).