

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 Norway.

This is to certify:

That the "A" Class divisions, fire integrity

with type designation(s)
Weber Marine A-60 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/3.11a. SOLAS 74 as amended, Regulation II-2/3.2 & II-2/9, IMO 2010 FTP Code, IMO MSC/Circ.1120 and IMO MSC.1/Circ.1434

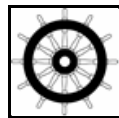
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-04-22**.

Issued at **Høvik** on **2018-04-23**

DNV GL local station:
Oslo Maritime and CAP

Approval Engineer:
Tessa Bieber



Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Product description

"Weber Marine A-60 Floor N"

Composed of steel deck insulated on unexposed side as follows:

1. 50 mm "Isover Ultimate U SeaProtect slab 90" mineral wool, nominal density 90 kg/m³, or the following alternative insulations:
 - 50 mm "Isover SP/M 150", nominal density 150 kg/m³,
 - 50 mm "SeaRox SL 436, 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,
 - 50 mm "Paroc Marine Floor Slab 140", nominal density 140 kg/m³.
2. woven glass fibre fabric of type "US style 7628" from P-D Interglas Technologies Ltd., or equivalent approved product.
3. 25 mm Weberfloor 4665N Marine Fire, cement based levelling compound with nominal density of 1.9 kg/m²/mm. The cement is reinforced with a Ø 5 mm steel grid (150 mm x 150 mm).

Application/Limitation

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

The insulation materials, adhesives and vapour barriers 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, use and maintenance.

Type Examination documentation

Test report No. 103021.03 dated 4 December 2014 from SINTEF, Trondheim, Norway.

Assessment report No. 103205.23 dated 20 January 2014 from SINTEF, Trondheim, Norway.

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, fire technical rating and MED Mark of Conformity (see first page).