



DET NORSKE VERITAS

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-8963**

This is to certify that the
"A" Class divisions, fire integrity

with type designation(s)
Weber Marine A-60 Floor

Issued to

Weber Saint-Gobain Byggevarer AS
OSLO, Norway

is found to comply with the requirements in the following Regulations/Standards:
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 FTP Code.

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

Høvik, 2014-05-13
for **Det Norske Veritas AS**



This Certificate is valid until
2018-05-07



Marianne Strand Valderhaug
Head of Department

Notified Body No.: **0575**

DNV local office:
Oslo Maritime and CAP



Martin Gjelstad
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-8963
Item No.: A1/3.11a
Job Id.: 344.1-000284-28

Product description

"Weber Marine A-60 Floor",

Composed of steel deck insulated on unexposed side as follows:

- 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.
- woven glass fibre fabric of type "US style 7628" from P-D Interglas Technologies Ltd., or equivalent approved product.
- 25 mm Weber.floor 4665 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 x 150 mm).

Application/Limitation

Approved for use as a 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. SINTEF NBL 103021.03 dated 4 December 2014 from SINTEF NBL as, Trondheim, Norway.

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

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 of manufacturer, type designation, MED Mark of Conformity and USCG approval number if applicable (see below).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

USCG Approval

An 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.

