



CERTIFICATE NUMBER
15-LD1411032-PDA

DATE
20 Nov 2015

ABS TECHNICAL OFFICE
London Engineering Department

CERTIFICATE OF DESIGN ASSESSMENT

This is to certify that a representative of this Bureau did, at the request of

SAINT-GOBAIN BYGGEVARER AS

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: **Marine Floor Covering**

Model: **weber.floor 4660N Marine Elastic**

This Product Design Assessment (PDA) Certificate 15-LD1411032-PDA, dated 20/Nov/2015 remains valid until 19/Nov/2020 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

AMERICAN BUREAU OF SHIPPING

Nitin Tyagi
Engineer/Consultant

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010).

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Tier: 2 - PDA Issued

Product: Marine Floor Covering

Model: weber.floor 4660N Marine Elastic

Intended Service:

Primary deck covering with low flame-spread characteristics, considered not generating excessive quantities of smoke and toxic products or not to give rise to toxic hazards at elevated temperatures. Approved for use onboard ships' and offshore installations' accommodation areas primarily steel, galvanized steel and aluminum decks. Not to be used as an integrated part of horizontal Class A division unless tested as such.

Description:

weber.floor 4660 Marine Elastic is cement based pumpable, fibre reinforced levelling material for primarily steel, galvanized steel and aluminum decks in layer thicknesses up to 50 mm. The material is supplied as pre-mixed dry powder, water is added on site of construction.

The components are mixed together at a ratio 25 kg(one sack) of mixture in 4.75 liters of water before applied to the deck. The material consumption is 1.7 kg/mm/sq.m.

Rating:

Primary deck covering with low flame-spread characteristics, considered not generating excessive quantities of smoke nor toxic products in fire or not to give rise to toxic hazards at elevated temperatures. Tested and approved for compliance with 2010 FTP Code Annex 1- Part 5; and considered in compliance with Annex -1 Part 2 in accordance with Annex 2.

Service Restriction:

1. Unit Certification is not required for this product.
2. The scope of Type Approval is to comply with MSC.1/Circ.1221 dated 11 December 2006.
3. 2010 FTP Code requires a product to be type approved, which means that manufacturing assessment is required.
4. Approved for use as floor covering on non-combustible metallic substrate.
5. Any adhesive used other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code Part 5.
6. In those instances where flag administration has their own specific requirements, a flag approval may be needed.
7. Each Product is to be supplied with its manual for installation, use and maintenance. Product specification, pre-treatment of substrate and application of the product shall be in accordance with product datasheet or manufacturer's application guidelines.
8. Not to be used as an integrated part of horizontal Class A division unless tested as such.

Comments:

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. This assessment and approval is not done on behalf of any flag administration.

Notes/Drawing/Documentation:

SP Sweden test report no. FX014526A dated 28-10-2010, 5P08335 dated 10.11.2015 and FX014526A Rev.1 dated 04.11.2015

Product datasheet for weber.floor 4660N Marine Elastic

Safety datasheet for weber.floor 4660N Marine Elastic

Terms of Validity:

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STANDARDS

ABS Rules:

ABS Rules for condition of classification 2015- Steel Vessels, Steel Vessels Under 90 Meters, Offshore Support Vessels, Barges: 1-1-4/7.7, 1-1-A3 & A4; High Speed Crafts: 1-1-4/11.9, 1-1-A3 & A4

ABS Rules for condition of classification 2015- Offshore Units and Structures- MODU, Floating Production Installations: 1-1-4/9.7, 1-1-A2 & A3

National:

NA

International:

IMO 2010 FTP Code Annex 1 - Part 5 and Annex 2

Government:

NA

EUMED:

NA

OTHERS:

Spread of flame and rate of heat release of primary deck covering according to IMO Resolution A.687 (17)