DNV·GL

Certificate No:
MEDB00004BM

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Primary deck coverings

with type designation(s)
WJ H-I Marine Color Sand Flooring

Issued to
Wuxi Jiuzhou Marine Deck Covering Co., Ltd.
Yixing, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2018/773,**
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 **2024-03-14**.

Issued at **Hamburg** on **2019-03-15**

DNV GL local station:
Jiangyin

Approval Engineer:
Krzysztof Kolakowski

Notified Body
No.: **0098**

for **DNV GL SE**

Gerhard Aulbert
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 European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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Product description

"WJ H-I Marine Color Sand Flooring"
is a multilayer primary deck covering with following layers (from bottom to top):

- Layer of primer coat, 0.5 mm thick with nominal density of approx. 1000 kg/m^3
- Layer of floating coat, 9 mm thick, inorganic colourful sand with nominal density of approx. 1300 kg/m^3
- Layer of top coat, 0.5 mm thick with nominal density of approx. 1000 kg/m^3

All from the manufacturer.

Density:	approx.1300 kg/m^3
Approved colour of primer and top coat:	transparent
Max.organic content:	15.1 %
Max.applied thickness:	10 mm

For further details, see documentation listed under Type Examination documentation below.

Application/Limitation

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

The product may be applied over any steel or non-combustible material.

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 in accordance with IMO 2010 FTP code part 5 appendix 4 paragraph 4.9.2.

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

Type Examination documentation

Test report no. FT17036 dated 6 March 2017 from Far East Fire Testing Centre (FEFTC), Shanghai, China.

Tests carried out

Tested according to IMO Res. MSC.307(88) – 2010 FTP Code, Annex 1, Part 5.

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).