DNV·GL

Certificate No:
MEDB00005GX

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)
Class A-60 Floating Floor

Issued to
PANELFA, S.L.
Mos-Puxeiros, Pontevedra, Spain

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397,**
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, IMO MSC.1/Circ.1435.

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

This Certificate is valid until **2024-11-13**.
Issued at **Høvik** on **2019-11-14**

DNV GL local station:
NB/CMC Team West

Approval Engineer:
Grzegorz Wolski

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

NORWEGIAN ACCREDITATION PROD 019

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Job Id: **344.1-004495-5**
Certificate No: **MEDB00005GX**

Product description

Class A-60 Floating Floor
Is a floating floor panel composed of 3,0 mm galvanized steel plate (400 mm x 2000 mm), insulated on the underside with 9 mm rockwool (Rockwool Tremolan) with density 155 kg/m³ and fitted upon an insulation made of 63 mm rockwool (Rockwool Tremolan) with density 155 kg/m³ and fitted upon a steel deck.

The insulation is fitted to the 3 mm steel plate with Fotbo/Sika adhesive.

The floor panels are staggering welded of 20 mm in length on every 200 mm between each panel.

Total thickness of floating floor is 75 mm.

For further details, see Type Examination documentation below.

Application/Limitation

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

Max. size of panel: 400 mm x 2000 mm (W x L)

The insulation materials and adhesives 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 and use.

Type Examination documentation

Test report No.08/32306903, dated 21 May 2008 from LGAI Technological Center (APPLUS), Spain.

Tests carried out

Tested according to IMO FTPC Part 3 and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

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