EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000B5A
Revision no.:
0

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 AS under the authority of the Government of Norway.

This is to certify:

that the **Fire doors**

with type designation(s)
DA30001

issued to
PANELFA, S.L.
Mos-Puxeiros, **Spain**

is found to comply with the Implementing Regulation **(EU) 2024/1975** for
Item no. **MED/3.16** (Row **1 of 1**)
according to the following requirements:
IMO MSC.1/Circ.1511, SOLAS 74 Reg. II-2/9.

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

Date of issue: **2025-05-28**

Expiry date: **2030-05-27**

DNV local unit:
NB/CMC Team West

Approval Engineer:
Meike Grabau

Notified Body
no.: **0575**

for **DNV AS**

Christine Mydlak-Röder
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, and amended by Decision No 1/2023 dated August 21st, 2023.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees (“DNV”) arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

"DA30001"
is a class A-30 single-leaf door with vision panel and hose port.

The door leaf consists of a rock wool core, covered by 0.6 mm thick galvanized steel plates on both sides. The 44 mm mineral wool type Searox SL470 with nominal density of 180 kg/m³, produced by Rockwool is affixed to the steel sheets with an adhesive of approved type. A 1.0 mm outer layer of galvanized steel edging material and an 1.2 mm inner layer of galvanized steel is covered around the door leaf.

Total door leaf thickness: 48 mm.

The door leaf is connected to the frame with four hinges and is fitted with mortise lock type BMH 1000. The upper part of the door leaf is fitted with a 23 mm thick window of type Pyrostop EI60-101 (manufactured by Pilkinton Germany) in a 1.2 mm window frame, fixed to the door leaf by four rivets per side. A hose port is installed by a hinge in the lower corner of the door leaf. The hose port has the same construction as door leaf.

The door frame is a four-sided door frame made by 3 mm thick galvanized steel plate, jambs and lintel in "Z" shape, bottom edge in "U" shape. The frame is fixed to the opening of the A-class bulkhead by screws (M8 x 30 mm) at a max. distance of 300 mm or by welding. An instumescent seal 17 mm x 1.6 mm is used along the rebates of the door frame.

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

Application/Limitation

Approved for installation in steel bulkheads of class A-30. Installation of the door in bulkheads made of other materials (aluminium, FRP, etc.) are subject to case-by-case approval.

Maximum door leaf size: 1100 mm x 2097 mm (W x H)
Maximum clear door opening: 1065 mm x 2100 mm (W x H)
Maximum clear window opening: 600 mm x 600 mm (W x H)
Maximum clear hose port opening: 150 mm x 150 mm (W x H)

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the MED Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

Each door is to be supplied with its manual for installation, use and maintenance.

Type Examination documentation

Tests carried out

Tested according to IMO 2010 FTP Code, Annex 1, Part 3.

Marking of product

The product 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 first page).

Please see Appendix: Marking of product

APPENDIX

Marking of product

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USCG approval limitations

The approval is limited to fire doors without windows and doors with total window area of 645 cm², or less, in each door leaf. For larger windows, USCG shall be contacted.