

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00008TV

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)
B-15 Technical Inspection Hatch

issued to

Marine Interiors Cabins S.p.A.
Trieste TS, TS, Italy

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

Regulation **(EU) 2023/1667**,

item No. MED/3.16. SOLAS 74 as amended, Regulation II-2/9, IMO 2010 FTP Code and IMO MSC.1/Circ.1511, IMO MSC.1/Circ.1319

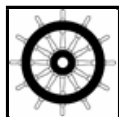
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-01-08**.

Issued at **Høvik** on **2024-01-09**

DNV local unit:
Italy/Malta CMC

Approval Engineer:
Timo Linn



Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 300,000 USD.



Product description

"B-15 Technical Inspection Hatch"

is a B-15 class fire door mounted in an approved B-class bulkhead.

The hatch leaf is made of 25 mm thick mineral wool insulation "Paroc Marine Fire Slab 140" with density 140 kg/m³, adhered with SikaForce 110 (70 g/m²) to 0.7 mm steel sheets covering all surfaces.

The hatch frame consists of a T-profile with the dimensions 35 x 19 x 16.5 mm with 1.5 mm thick steel sheets which is screwed (self-drilling screw Ø 3.9 x 13 mm Zn) on all four edges into the bulkhead panels.

The hatch leaf is mounted into the frame using a piano hinge in full length of the hatch fastened with rivets. The hatch is mounted with a throughgoing locking bar and a locking bar ring on the exposed side as well as a keyhole for the locking mechanism on the unexposed side. The keyhole was mounted at a height of 917 mm from the inner part of the bottom of the frame.

Total hatch leaf thickness: 27 mm

For further details refer to the documentation listed below under "Type Examination documentation".

Application/Limitation

Approved for use as an integrated part of fire retarding division of class B-15.

Max. hatch leaf size: 806 mm x 1827 mm (W x H)

Max. clear hatch opening: 780 mm x 1800 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.

A fire door (hatch) of marginally larger dimensions than a fire-tested fire door (hatch) may be individually assessed and accepted by Flag Administration (or Recognized Organization acting on its behalf) for a specific project with the same classification, provided documented compliance with IMO MSC.1/Circ.1319.

The hatch has been successfully tested for extended test period of 36 minutes.

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

Type Examination documentation

Test report no. PGB10330A dated 27 October 2023 from DBI, Danish Institute of Fire and Security Technology, Hvidovre, Denmark.

Drawing no. +24PC00432.01, rev.01 dated 4 August 2023 (4 sheets) "B15 – TECHNICAL INSPECTION HATCH WALL MOUNTED" from Marine Interiors Cabins S.p.A..

Tests carried out

Tested according to 2010 FTP Code Annex1, 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).