

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB0000002
Revision No:
1

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 Fire Doors

with type designation(s)
WMD B-30 dB (LR+) Single Leaf

Issued to

Antti-Teollisuus Oy
Kanunki, Finland

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397**,
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

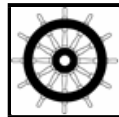
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-07-13**.

Issued at **Høvik** on **2020-07-14**

DNV GL local station:
Finland NB

Approval Engineer:
Helge Bjørnarå



Notified Body
No.: **0575**

for **DNV GL AS**

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Roald Vårheim
Head of Notified Body



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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.



Job Id: **344.1-001908-27**
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Product description

"WMD B-30 dB (LR+) Single Leaf",

is a single leaf hinged door composed of an insulating core of 18 mm thick Paroc Marine Slab 220 (density 232 kg/m³, manufactured by Paroc Group Oy) and 22-56 mm Paroc Marine Slab 160 (density 164kg/m³, manufactured by Paroc Group Oy). Insulation is glued together to the 0.75 mm thick steel sheets. The door is fitted with three hinges.

Total door leaf thickness is 60 mm.

The door frame is made from 1 mm thick steel sheets. This construction is fixed to the bulkhead with 6 screws on both sides of size 4.8 x 19 mm (max. c/c-distance is 425 mm).

Approved with door lock and card reader with battery casing.

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

Application/Limitation

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

Max. size of door leaf:	932 x 2058 mm (W x H)
Max. size of door clear opening:	900 x 2050 mm (W x H)

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, use and maintenance.

Type Examination documentation

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 of manufacturer, type designation, fire technical rating and the MED Mark of Conformity (see first page).