DNV·GL

Certificate No:
MEDB0000216

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 the Kingdom of Norway.

This is to certify:

That the Fire Doors

with type designation(s)
B-15 Fire Door dB(L+) Single leaf

Issued to
Antti-Teollisuus Oy
Kanunki, Finland

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2015/559,**
Annex A.1, item No. A.1/3.16 and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2/and IMO 2010 FTP Code

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

This Certificate is valid until **2022-01-08**.

Issued at **Høvik** on **2017-01-09**

DNV GL local station:
Turku

Approval Engineer:
Tomasz Werchowicz

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

"B-15 Fire Door dB(L+) Single leaf"
is a single leaf – hinged (3 hinges) door composed of the two 0.7 mm thick perforated steel sheets.
Door is insulated inside with:

- Paroc Marine Fire Slab 220 (nominal density of 220 kg/m^3)
- Paroc Marine Fire Slab 160 (nominal density of 160 kg/m^3)

Inslulation is glued to the steel sheets by means of adhesive.

Door frame is fixed to bulkhead with steel screws, total (minimum required) of 12 pcs. Over the door leaf there was panel with height 270 and thickness 58 mm. Door frame is made of 1.5 mm thick steel.

Door frame may be fitted with lifting holes in the upper part, however this certificate do not cover the lifting arrangement nor lifting procedure.

Door leaf may be fitted with concealed door closer in the upper part.

Total door leaf thickness: 50 mm.

For further details of the door leaf interior, insulation, perforation, etc. please see drawings stated under Type Examination documentation below.

Application/Limitation

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

Max. clear door opening: 1000 x 2100 mm (W x H)
Max. size of door frame: 1080 x 2390 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 2010 FTP Code part 3.

Marking of product

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