DNV·GL

Certificate No:
MEDB0000256

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 Double Hinged Door

Issued to
Oy Saajos International Ltd.
LOHJA, 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 **2022-01-09**.

Issued at **Høvik** on **2017-01-10**

DNV GL local station:
Turku

Approval Engineer:
Fryderyk Hoga

Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

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Product description

"B-15 Double Hinged Door"
consist of double door leaf (equal sized) composed of insulating core of 50 mm "Paroc Slab 150 VLO", with density 150 kg/m^3, faced on both sides with 0.6 mm steel sheets. The insulation is glued to the steel sheets by the means of adhesive. Around the lock is 12.7 mm Gypsum board fitted (density 750 kg/m^3). The door blades are fitted with 3 hinges.

Total thickness of door blade: 52 mm.

The frame is composed of 2.0 mm and 1.5 mm thick steel and bolted to the bulkhead spaced minimum 460 mm apart. The upper frame is insulated with 57 mm Paroc Slab 80, density 80 kg/m^3.

For further details see approved drawings listed below.

Application/Limitation

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

Max. clear opening: 2080 mm x 2080 mm (W x H)
Max. size of each door leaf: 1054.5 mm x 2104 mm (W x H)

The door is approved without the sill being a part of the frame.

The insulation materials and any surface materials used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

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

Type Examination documentation

Test report No. RTE4640/01 dated 28 February 2002, from the Technical Research Centre of Finland (VTT).

Drawings No. SA 20087 G dated 7 March 2002 and SA20088 C dated 27 February 2002, both from Saajos Oy.

Drawing No. SA-27536 (integrated door closers) dated 14 December 2016 from Saajos Oy.

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 or packing 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).