

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. 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 "B" Class divisions, fire integrity

with type designation(s)

SKB OC85 A60 - Class B-15 glazed bulkhead and A0-A60 glazed non-load bearing division

Issued to

Skandi-Bo Indoor AS
Jerslev Sjælland, Denmark

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

Annex A.1, item No. A.1/3.11b and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2.3.4.4. and IMO 2010 FTP Code.

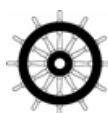
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-06-20**.

Issued at **Høvik** on **2016-06-21**

DNV GL local station:
Copenhagen

Approval Engineer:
Piotr Orzechowski



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Product description

"SKB OC85 A60 - Class B-15 glazed bulkhead and A0-A60 glazed non-load bearing division" composed of six separate window sections fitted with aluminium 85 x 30 mm (width x height) edge profiles and 85 x 60 mm (width x height) horizontal mullions.

Each window consist of 27 mm Contraflam Marine A60 (4 layers of glass panes – 5 – 4 – 4 - 5 mm, with 3 mm thick intumescent interlayer between) manufactured by Vetrotech Saint-Gobain Int.

The aluminium profiles and gap between the fiberglass insulators are filled with gypsum based material SKB X2 Fire Filing with density 800 kg/m³ from manufacturer.

The 2 mm thick intumescent strips are fitted on all faces facing the glass panes – 20 mm wide strips and on all faces facing away from the glass panes – 10 mm wide strips (manufacturer by Intumex LFCSK)

The glass partitions are kept by means of steel clips made of two L-profiles.

For further details, see the approved test report listed under Type Examination documentation below.

Application/Limitation

Approved for use as a vertical fire retarding division of class B-15.

Approved for use as a non-load bearing fire-resisting bulkhead 60.

Max. clear opening of each glass partitions: 526 x 1300 mm, 526 x 900 mm, 2000 x 1300 mm, 2000 x 900 (width x height).

Max. overall size of composition: 3175 x 2282 mm (width x height)

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 and use.

Type Examination documentation

Test reports No. PGA10823A dated 3 March 2016 from "DBI" Danish institute of Fire and Security Technology.

Tests carried out

Tested according to IMO 2010 FTP Code part 3.

Marking of product

The product is to be marked with name of manufacturer, type designation, fire technical rating and MED Mark of Conformity.