

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 Norway.

This is to certify:

That the "A" Class divisions, fire integrity

with type designation(s)
SKB OC85 A60 - new profile

Issued to

Skandi Bo Indoor AS
Jerslev Sjælland, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Regulation (EU) 2018/773,
item No. MED/3.11a. SOLAS 74 as amended, Regulation II-2/3.2 & II-2/9, IMO 2010 FTP
Code, IMO MSC/Circ.1120 and IMO MSC.1/Circ.1434

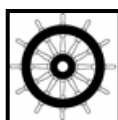
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2024-01-29**.

Issued at **Høvik** on **2019-01-30**

DNV GL local station:
Copenhagen

Approval Engineer:
Aleksandr Jegorov



Notified Body
No.: **0575**

for **DNV GL AS**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



Product description

"SKB OC85 A60 - new profile"

composed of three separate window sections fitted into an outer aluminium frame filled with Skandi-Bo Firesafe SKB X2 filler. Each window consist of 27 mm CONTRAFLAM MARINE A60 (2 layers of 5 mm glass panes with 17 mm gel between) manufactured by Vetrotech Saint-Gobain, separated by an outer and inner aluminium frame fixed together with screws (ø3.9 x 25 mm, c/c 350 mm).

The glass is held in place by steel clips consisting of two L-profiles (40.5 x 15x 0.7 mm, width 25 mm and 11x 16 x 1 mm , width 16 mm).

The outer frame may be welded or bolted (two rows of M6 bolts 35 mm apart, c/c 240-260 mm) to the ship structure.

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

Application/Limitation

Approved for use as a non-load bearing vertical fire retarding division of class A-60.

Max. clear opening of each glass partitions: 766 x 2277 mm, 1277 x 2277 mm, 766 x 2277 mm (Width x Height).

The use of this product shall be limited to applications specifically approved by the Administration in question, see IMO 2010 FTP Code part 3, Appendix 1, items 1.12 and 1.13.

The construction shall not be used as part of main fire zone bulkheads and stairways enclosures on passenger ships (see also IMO MSC/Circ.1005).

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

Test reports No. PGA10278 dated 25 April 2013 and No. PGA10272 dated 30 April 2013 both from Danish Institute of Fire and Security Technology (DBI), Hvidovre, Denmark.

Drawings Nos. 001, 100, 101, 102 all dated 04.02.2014 from manufacturer.

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 and MED Mark of Conformity (see page 1).