

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the "B" Class divisions, fire integrity

with type designation(s)
HLMB15JX (B-15 ceiling access hatch)

Issued to

Tianjin Huali Thermal Insulation Building Material Co., Ltd.
TIANJIN, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397**,
item No. MED/3.11b. SOLAS 74 as amended, Regulation II-2/3.4 & II-2/9, IMO 2010 FTP Code, IMO MSC/Circ.1120 and IMO MSC.1/Circ.1581

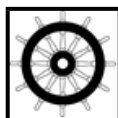
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-01-07**.

Issued at **Hamburg** on **2020-01-08**

DNV GL local station:
Tianjin

Approval Engineer:
Marcin Tobiasz



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

“HLMB15JX (B-15 ceiling access hatch)”

is a single leaf hatch composed of 23.5 mm thick mineral wool insulation core of type THY-150 with nominal density 150 kg/m³ (manufactured by Tianjin Huali Thermal Insulation Building Material) faced from both sides with 0.6 mm thick steel plate. Insulation is glued to the steel plates by means of polyurethane adhesive.

The hatch leaf is equipped with a C-J type lock (manufactured by Nantong Hujiang Locks) and is fixed to hatch frame by means of row hinge (manufactured by Tianjin Taigang Daming Metal Products).

Total hatch leaf thickness: 25 mm

For further details, please see documentation listed under Type Examination documentation below.

Application/Limitation

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

Approved for installation in the tested ceiling type HL-T25A-I type class B-15 ceiling from Tianjin Juali Thermal insulation Building Material. Installation in other ceilings may be approved case-by-case. Ceiling has to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

Max. size of hatch leaf: 645 x 495 mm (W x L)

Max. hatch clear opening: 600 x 450 mm (W x L)

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 report No. FT15208 dated 17 June 2015 from Far East Fire Testing Centre, Shanghai, China.

Drawing No. 262HI.39(B15.J)-00SY (5 pages) dated March 2015 from manufacturer

Tests carried out

Tested according to IMO Resolution MSC.307(88) – 2010 FTP Code Annex 1, Part 3.

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).