

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB000093U

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 AS under the authority of the Government of Norway.

This is to certify:

that the **A & B Class divisions fire integrity: B class divisions.**

with type designation(s)
TJDMB15 Type Class B-15 Ceiling Access Door

issued to

Huanan Building Materials (Shenzhen) Co., Ltd.
Shenzhen, Guangdong, China

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

Regulation **(EU) 2024/1975,**

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

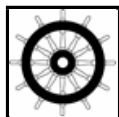
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-09-26.**

Issued at **Høvik** on **2024-09-27**

DNV local unit:
China South NB

Approval Engineer:
Marcin Tobiasz



Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2023 dated August 21st, 2023.



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

“TJDMB15 Type Class B-15 Ceiling Access Door”

is a single leaf door constructed of an insulating core made of mineral wool with density 80 kg/m³ (manufactured by Rockwool Firesafe Insulation (Guangdong)), covered from both sides with 0.55 mm thick galvanized steel plates. The mineral wool is fixed to steel sheets by means of an adhesive of “YB2002X/YB8001” type.

The door leaf can be fitted with one piano hinge or two hook hinges (produced by manufacturer) installed at one side of the door leaf and two door locks of C-J type (produced by Nantong Marine Technology) installed at the other.

Total thickness of door leaf: 50 mm

The door frame is composed of 1.2 mm thick steel plate and is fixed to the ceiling by ST4.2x16 screws spaced maximum 300 mm.

The ceiling is hinged under A-class deck with 380 mm thick air gap between ceiling and deck.

For further details 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 T50D from Huanan Building Materials (Shenzhen). 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.

Maximum size of door leaf: 575 x 624 mm (W x L)

Maximum clear opening of access door: 565 x 600 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 and maintenance.

Type Examination documentation

Test report no. FT22302 dated 6 January 2023 from Far East Fire Testing Centre (FEFTC), Shanghai, China.

Drawing no. Q262HN126-00SY (22 pages) dated 21 September 2020 from the 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, the MED Mark of Conformity and USCG Approval Number if applicable (see first page).