# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
**MEDB0000BTW**
Revision no.:
**0**

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 **Fire doors**

with type designation(s)
**MARINE B15 SINGLE LEAF HINGED DOOR WITH CHANNEL VENTILATION & KICK-OUT PANEL**

issued to
**INEXA Interiors (Nantong) Co., Ltd.**
**南通经济技术开发区景兴路 66 号**
**Nantong City**
**226017 JIANGSU**
**China**,

is found to comply with the Implementing Regulation **(EU) 2025/1533** for
Item no. **MED/3.16** (Row **1 of 1**)
according to the following requirements:
**IMO MSC.1/Circ.1511, SOLAS 74 Reg. II-2/9**

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

Date of issue: **2026-03-16**

Expiry date: **2031-03-15**

DNV local unit:
**Nantong**

Approval Engineer:
**Nanna Martine Jacobsen**

Notified Body
no.: **0575**

for **DNV AS**

**Christine Mydlak-Röder**
**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.

NORWEGIAN ACCREDITATION PROD 019

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 USD 300 000.

## Product description

'MARINE B15 SINGLE LEAF HINGED DOOR WITH CHANNEL VENTILATION & KICK-OUT PANEL',
is a single leaf hinged door with door blade made of 48.5 mm insulation BSS rock wool (density 150 kg/m3, manufactured by Weihai Bosheng Advanced Materials), faced with 0.55 mm thick galvanized steel sheets on both sides and edges. The steel sheets are glued to the rock wool with the adhesive YEBOND 2002X 8#/YEBOND 8001 (manufactured by Shanghai Hansi Industrial). The door leaf is attached to the door frame by 3 steel hinges.

Total door leaf thickness is 50 mm.

The door frame is made of 1.2 mm thick steel profile, fitted with a top panel consisting of an insulating core of mineral wool (same as above) covered with 1.2 mm thick steel sheets. The size of top panel is 1086 mm x 252 mm (W x H). There are 3 alternatives for the bottom sill. The door frame may be screwed (ST4.2 x 16 mm screws, maximum 450 mm c/c) or welded to the bulkhead.

The door may be fitted with:
- Ventilation channel 450 mm x 1050 mm x 25 mm (W x H x T) in the lower part of the door, forming a ventilation system with top and bottom grilled vents of size 511 mm x 238 mm (W x H), fastened with pop rivets/screws.
- Kick out panel 500 mm x 600 mm (W x H)

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

## Application/Limitation

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

Maximum door leaf size: 1079 mm x 2210 mm (W x H)
Maximum clear door opening: 1050 mm x 2200 mm (W x H)

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

## 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, Mark of Conformity and USCG Approval Number if applicable (see first page).