

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000099
Revision no.:
3

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 division**

with type designation(s)
BIP C563: B-15 Class Continuous Ceiling

issued to
BIP Industries Co., Ltd. Goseong
67 Baedungongdan-gil
Hoehwa-myeon
52915 Goseong-gun Gyeongsangnam-do
Korea,

is found to comply with the Implementing Regulation (EU) 2025/1533 for
Item no. **MED/3.11b (Row 1 of 1)**
according to the following requirements:
SOLAS 74 Reg. II-2/3.4, SOLAS 74 Reg. II-2/9, IMO MSC.1/Circ.1581, IMO MSC/Circ.1120

(Manufacturers authorised representative)
Movena GmbH
Bremen, Reeder-Bischoff-Str. 65, D-28757, Germany

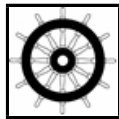
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-02-26**

Expiry date: **2031-02-25**

DNV local unit:
Busan, CMC Korea

Approval Engineer:
Helge Bjørnarå



Notified Body
no.: **0575**



for **DNV AS**

Digitally Signed By:
Kristensen, Steinar
on behalf of

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.



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

"BIP C563: B-15 Class Continuous Ceiling",
constructed of ceiling panels composed of an insulation core made of 50 mm mineral wool (density 80 kg/m³,
manufactured by KCC Corporation) covered by 0.6 mm perforated or non-perforated steel sheets.

The panels are connected together by a grillage of main T-bars and cross T-bars. The ceiling is suspended below the steel deck by hanger sets welded to the steel deck in one end and connected to main T-bars in the other end.

Total ceiling thickness: 50 mm.

For further details, see drawing listed under Type Examination documentation.

Application/Limitation

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

Maximum panel size: 610 mm x 610 mm (W x L).

Maximum distance between bulkhead and main T-bar/hanger set: 610 mm

Maximum distance between hanger sets along main T-bars: 1220 mm

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

Document No.	Rev.	Title
KBETC-R-25-819-001		Test report dated 13 February 2026 from KBETC, Jeonbuk-do, Korea
F2025-C563-R1		Drawing dated 16 October 2025 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, the Mark of Conformity and USCG Approval Number if applicable (see first page).