

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive (EU) 2015/559, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the "B" Class divisions, fire integrity

with type designation(s)
BIP W-202S B-15 Class Bulkhead

Issued to
BIP Industries Co., Ltd.
Yangsan-si Gyeongsangnam-do, Republic of Korea

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.11b and Annex B, Module B in the Directive; SOLAS 74 as amended, Regulation II-2.3.4.4. and IMO 2010 FTP Code.

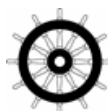
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2021-06-07**.

Issued at **Høvik** on **2016-06-08**

DNV GL local station:
Pusan

Approval Engineer:
Espen Kultorp



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body

Job Id: **344.1-005441-1**
Certificate No: **MEDB0000117**

Product description

"BIP W-202S B-15 Class Bulkhead"

composed of panels made of 0,4 mm galvanized steel sheets insulated with 48,5 mm mineral wool with density 140 kg/m³ manufactured by KCC Corporation. The insulation is glued on the steel sheets. The panels are fitted into each other with a spline joint profile as per drawing F2016-W202S-R0.

Max. panel thickness: 50 mm.

Application/Limitation

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

Max panel size: 2480 x 600 mm (H x W).

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 use.

Type Examination documentation

Test report No. AK2016-0171, dated 6 April 2016 from Fire Insurers Laboratories of Korea (FILK), Gyeonggi, Korea.

Drawing no. F2016-W202S-R0 dated 16 February 2016 from manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, fire-technical rating, Mark of Conformity and USCG marking if applicable (see page 1).