

# Type Approval Certificate



[ FIRE PROTECTION CEILING ]

**Initial Approval** 26th June, 1996

**Manufacturer** BIP Industries Co., Ltd.  
67, Baedungongdan-gil, Hoehwa-myeon, Goseong-gun, Gyeongsangnam-do, Rep. of Korea

**Product Description** Brand : BIP C-512  
Grade : B-0 Class(Continuous Ceiling)

See the "Appendix 1" at the next page

**Approval Condition** See the "Appendix 1" at the next page

**THIS IS TO CERTIFY** that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows.

Pt.8, Ch.1 of the Rules for Classification of Steel Ships and IMO 2010 FTP Code Part 3.

This Certificate is valid until 25th June, 2026

Issued at Tongyeong, Korea on 26th May, 2021



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No(ME21013998269) and certificate No.(TYG00745-FP030).



KOREAN REGISTER

*[Handwritten signature]*

General Manager of  
Tongyeong Branch Office

**Note :** 1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.  
2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.  
3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.  
4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

## Product Description and/or Approval Condition

Date of Issue : 26th May, 2021

### 1. PRODUCT DESCRIPTIONS

- 1) The continuous ceiling consists of steel panels having 25 mm thick mineral wool insulation (60 kg/m<sup>3</sup>, KCC Corporation) covered with 0.6 mm thick perforated or non-perforated steel sheet on exposed side.
- 2) Max. panel size : 300mm (W)
- 3) Max. distance between main runners : 1400mm
- 4) Max. distance between hanger rods : 2500 mm
- 5) Max. distance from bulkhead to the nearest runner : 300mm
- 6) Max. distance between cross runners : 2500mm

### 2. APPROVED DRAWINGS

- 1) Drawing No. : F2014-C512-R0 (1/7~7/7)
- 2) Dated on : 28 Apr. 2014

### 3. APPROVED CONDITIONS

- 1) This approval is granted on the basis of the test report No. "AK2014-0283R" dated on 26 June 2014 issued by Fire Insurers Laboratories of Korea (FILK).
- 2) The surface materials, if applied, shall have Type Approval Certificate by the Society.
- 3) In case where the panel is penetrated to incorporate light fixture and similar devices, arrangement shall be made to ensure that the fire resistance is not impaired.
- 4) The product or packing is to be marked with manufacturer's name and type designation on a suitable position.
- 5) Installation on board is to be in accordance with the manufacturer's instruction and specification.
- 6) Individual Product Certification is not required.
- 7) This approval does not cover the airborne sound insulation properties.
- 8) Approval Certificate for Manufacturer (Cert. No. : TYG00745-PA001) is to be retained validly apart from this Approval.

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