



Type Approval Certificate

[Fire Protection Access Hatch]

Initial Approval 8 June 2017

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

Product Description Brand : BIP CAH-35 (Access Hatch for Ceiling)
- Grade : B-15 Class
See "Appendix 1"



Approval Condition See "Appendix 1"

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 Annex 1, Part 3.

This Certificate is valid until 7 June 2027

Issued at Tongyeong, Korea on 21 June 2022



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(ME22017823678) and certificate No.(TYG00745-FP137).



KOREAN REGISTER

*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 : 21 June 2022

1. Product Descriptions

- 1) 35 mm thick single leaf access hatch for ceiling
- 2) Max. clear opening : 800 mm x 700 mm (W x L)
- 3) Max. Size of hatch leaf : 890 mm x 790 mm (W x L)
- 4) The hatch is fitted with locking device and a full length of stainless piano hinge.
- 5) The hatch panel consists of 35 mm thick mineral wool insulation (140 kg/m³, KCC Corporation.) covered by 0.6 mm thick steel sheets on both sides. The edge of hatch panel is reinforced with 1.2 mm thick steel channel (inside).
- 6) The hatch frame is made of 1.6 mm thick steel sheet and fastened to the 1.2 mm thick support channel and ceiling panel using flat head screws (Φ4 x 16L).

2. Approved Drawings : No. F2015-CAH35-R0 (8 sheets with a cover)

3. Approval Conditions

- 1) This approval is granted on the basis of the test report No. AK2015-0434 dated Aug. 05th, 2015 issued by Fire Insurers Laboratories of Korea (FILK).
- 2) The surface materials, if applied, shall be of type approved 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 name and type designation on a suitable position.
- 5) Any adhesives used in A or B Class divisions should be low flame spread.
- 6) This approval does not cover the airborne sound insulation properties.
- 7) Approval Certificate for Manufacturer (Cert. no. : CSP00745-PA001) is to be retained validly apart from this Approval.
- 8) Individual Product Certification is not required.

< End of Certificate >