

Type Approval Certificate



[Fire Protection Access Hatch]

Initial Approval 17 November 2011

Manufacturer BIP Industries Co., Ltd.

67, Baedungongdan-gil, Hoehwa-myeon, Goseong-gun, Gyeongsangnam-do, Rep. of Korea

Product Description Brand : BIP AH25

– Grade : B-0 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 16 November 2031

Issued at Tongyeong, Korea on 17 April 2026



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(ME26016965788) and certificate No.(TYG00745-FP105).



KOREAN REGISTER

[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 : 17 April 2026

A. Product Description

1. Product Specification

- 1) 25 mm thick single leaf access hatch for ceiling
- 2) The hatch frame is made of a 1.6 mm thick steel sheet and fastened to the ceiling panel using pop rivets and overhead screws(Φ4 x 13L).
- 3) Max. Size of hatch frame
 - With one push button lock : 290 mm x 290 mm (W x L)
 - With two push button locks : 590 mm x 590 mm (W x L)
- 4) The hatches are equipped with push button locks and a full-length stainless steel piano hinge. They are available in two types:
 - Consisting of 23.5 mm thick mineral wool insulation(140 kg/m³, KCC Corporation.), with both blade and cover made of 0.6 mm thick steel sheet
 - Consisting of a blade made of 1.0 mm thick steel sheet only, without mineral wool insulation.

※ For more details, see the approved drawings and/or test report listed below.

2. Approved Drawings and Documents

- 1) Drawing No. F2025-AH25-R0, Rev.0 (9 pages including cover)

3. Test Reports, etc.

- 1) Test report No. KBETC-R-25-080-001 dated on 02 Jul. 2025 issued by Korea Building Energy Testing Center (KBETC).

B. Approval Condition

1. Application & Limitation

- 1) The surface materials, if applied, shall be of type approved by the Society.
- 2) 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.
- 3) In case where the ceiling may incorporate electrical fittings, such as light fittings and/or ventilation units, a separate test(s) shall be performed apart from this Approval.
- 4) Any adhesives used in A or B Class divisions should be low flame spread.
- 5) This approval does not cover the airborne sound insulation properties.
- 6) Approval Certificate for Manufacturer (Cert. No. : TYG00745-PA001) is to be retained validly apart from this Approval.

2. Individual Product Cert. and Drawing Approval Requirement

- 1) Individual Product Certification is not required.

3. Marking

- 1) The product or packing is to be marked with manufacturer name and type designation on a suitable position.

4. Others

- N/A

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