

TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MERB0001N9W
Revision no.:
0

This Certificate is issued by DNV UK Limited, UKAS accredited certification body no. 6086, based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body (no. 0097) to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2025.

This is to certify:

that the **A and "B" class fireproof windows and side scuttles**

with type designation(s)

A.18.05 - A0 class square fixed window

issued to

BOHAMET S.A.

ul. Toruńska 2 86-005 Ciele Poland,

is found to comply with the Regulation (UK) **MSN 1874 Amendment 11** for
Item no. **UK/3.25 (Row 1 of 1)**

according to the following requirements:

IMO Res. MSC.5(48)-(IGC Code) 3, IMO MSC/Circ.1120, SOLAS 74 Reg. II-2/9.

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

Date of issue: **2026-03-09**

Expiry date: **2031-03-08**

DNV local unit:
Gdansk CMC



for **DNV UK Ltd.**

Approval Engineer:
Karolina Kusmider

Approved Body No.: **0097**

.....
Christine Mydlak-Röder
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the approved body named on this certificate.

During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards may change, therefore the product conformity may need to be re-assessed by the Approved Body.

"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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2025, as amended is fully complied with and controlled by a written inspection agreement with an approved body. In case limitations of use apply, these should be indicated in the Annex.

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

"A.18.05 - A0 class square fixed window"

is a square window composed of a glass pane mounted in a 12x120 mm steel main frame and held in place by a 5x35 mm stainless steel glass retaining. The glass pane is constructed 15 mm fire glass BOHFLAM-A0 (manufactured by BOHAMET), 12 mm air gap and 6 mm toughened glass (manufactured by BOHAMET).

Total thickness of glass pane: 33 mm.

The glass pane is mounted in the main frame between 6 mm glass edge lining (density 210 kg/m³, manufactured by Thermal Ceramics) and resting on support blocks (density 870 kg/m³, manufactured by Promat). The stainless steel glass retaining is fixed to the main frame with M6/16 mm stainless steel screws (c-c 100 mm).

Window frame is welded to bulkhead.

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

Application/Limitation

The window is approved for installation in steel bulkheads of class A-0. Other applications are subject to case-by-case approval.

Restricted application: Fire against 15 mm fire glass (fire from inside).

Maximum size of window: 2468 mm x 2368 mm (W x H)

Maximum size of clear opening: 2400 mm x 2300 mm (W x H)

Maximum size of glass pane: 2428 mm x 2328 mm (W x H)

The window has only been evaluated with respect to fire technical properties (e.g. strength requirements have not been considered). Arrangement and location of any window is subject to approval from relevant authorities in each case.

Each product is to be supplied with its manual for installation and use.

Type Examination documentation

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 and the Mark of Conformity (see first page).