



TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB00006ZK
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

That the C class Divisions

with type designation(s)
larcore C-class division

Issued to

ALUCOIL, S.A.
Miranda de Ebro, Spain

is found to comply with the requirements in the following Regulations/Standards:

Regulation **MSN 1874 Amendment 7**,

item No. UK/3.64. SOLAS 74 as amended, Regulation II-2/3.10,3.33 & 2/9 and IMO 2010 FTP Code and IMO Res. MSC/Circ.1120

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

This Certificate is valid until **2025-12-03**.

Issued at **London** on **2023-12-19**

DNV local unit:
Area NB/CMC Iberia



for **DNV UK Ltd.**

Approval Engineer:
Helge Bjørnara

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 2016, 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 300,000 USD.



Form code: MER 201.GBR

Revision: 2023-03

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Product description

'Aluminium non-combustible panel', consisting of aluminium honeycomb (thickness 4.5 mm to 38 mm) covered on both side with aluminium sheets (thickness 0.5 mm to 1.0 mm), sheets are glued with approved adhesive film Larcure Glue (two-component polyurethane thickness: < 1 mm).

Application/Limitation

Approved as C class division.

Any surface materials used have to be approved for smoke and toxicity and low flame spread characteristic (IMO 2010 FTP Code parts 2 and 5) when required according to relevant rules.

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code part 5 and to be approved according to the Marine Equipment Regulation and bear the Mark of Conformity.

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

Type Examination documentation

Test report no. 20/22867-1531 dated 22 September 2020 from LGAI, Barcelona, Spain.

Tests carried out

Tested according to IMO 2010 FTP Code part 1.

Marking of product

The product is to be marked with name and address of the manufacturer, type designation, fire technical rating and MED Mark of Conformity (see first page).