

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00006ZK
Revision no.:
2

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

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 Implementing Regulation (EU) 2025/1533 for
Item no. **MED/3.64** (Row **1 of 1**)
according to the following requirements:
SOLAS 74 Reg. II-2/3.33, SOLAS 74 Reg. II-2/9, IMO MSC/Circ.1120, SOLAS 74 Reg. II-2/3.10.

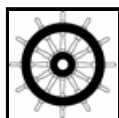
Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2025-11-14**

Expiry date: **2030-11-13**

DNV local unit:
Area NB/CMC Iberia

Approval Engineer:
Meike Grabau



Notified Body
no.: **0098**



for **DNV SE**

Digitally Signed By:

Christine Mydlak-Röder

Christine Mydlak-Röder
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment, signed February 27th, 2004, and amended by Decision No 1/2023 dated May 26th, 2023.

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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

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

"Larcure C-class division"

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

For further details see documents listed under Type Examination documentation.

Application/Limitation

Approved as C class division.

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.

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

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

Type Examination documentation

Document No.	Rev.	Title
20/22867-1531		Test report 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 or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, the Mark of Conformity and USCG Approval Number if applicable (see first page).