TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:
MEDB00009BX

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 Surface materials and floor coverings with low flame-spread characteristics: decorative veneers

with type designation(s)
Larcore HPL Laminati + TESA tape

issued to
ALUCOIL, S.A.
Miranda de Ebro, Burgos, Spain

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2024/1975,**
item No. MED/3.18a. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2030-02-17**.

Issued at **Hamburg** on **2025-02-18**

DNV local unit:
Area NB/CMC Iberia

Approval Engineer:
Marta Kropiwnicka

Notified Body
No.: **0098**

for **DNV SE**

Mydlak-Röder, Christine
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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

“Larcore® HPL Laminati + TESA tape”
Is an aluminium honeycomb panel larcore® coated with HPL. The larcore® 10.85 mm - 25 mm panel consists of aluminium honeycomb with 0.5 mm - 1 mm thick aluminium sheets on both sides. Both faces were coated with a light grey primer applied at 10 µm thickness and HPL of 0.7 mm - 1.2 mm bonded to one skin using a 150 µm tape.

Aluminum honeycomb panel larcore®:

Thickness (total)	10.85 mm to 25 mm
Thickness of cover sheet	0.5 mm (10.85 mm) to 1 mm (25 mm)

Coating HPL:

Thickness	0.7 - 1.2 mm

For further details refer to the documentation listed below under “Type Examination documentation”.

Application/Limitation

Approved for use as low flame spread material, not generating excessive quantities of smoke nor toxic products in fire.

Approved for use as decorative veneerson any metallic base or non-combustible base.

Maximum gross calorific value shall be documented separately where applicable (SOLAS Reg. II-2/5.3.2).

Approved paint colour: Light grey
Maximum organic content: 60%

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 Directive 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. ICL/H24/16878 Rev. 1 dated 15 October 2024 from Interscience Fire Laboratory, Hampshire, UK. (date of initial report/testing: 11 July 2024)
Test report No. ICL/H24/17096 Rev. 1 dated 15 October 2024 from Interscience Fire Laboratory, Hampshire, UK. (date of initial report/testing: 2 October 2024)
Test report No. ICL/H24/16879 Rev. 2 dated 18 October 2024 from Interscience Fire Laboratory, Hampshire, UK. (date of initial report/testing: 17 July 2024)

Tests carried out

Tested according to IMO 2010 FTP Code Part 5 and 2.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, MED Mark of Conformity and USCG approval number if applicable (see first page).