DNV·GL

Certificate No:
MEDB00006ZK

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL 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

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

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2020/1170,**
item No. MED/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 **Hamburg** on **2020-12-04**

DNV GL local station:
Area NB/CMC Iberia

Approval Engineer:
Timo Linn

Notified Body
No.: **0098**

for **DNV GL SE**

Christine Mydlak-Roeder
Head of Notified 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-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 GL 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") 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.

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Product description

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

For details of construction see drawing mentioned under Type Examination documentation.

Application/Limitation

The product is approved for use as C-class division as defined in SOLAS II-2 Reg .3.10 and may is considered as being non-combustible as per the 2010 IMO FTP Code, Annex 2, Para 1.

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.

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

Type Examination documentation

Test report no. 20/22867-1531 dated 22th September 2020 from LGAI Technological Centre, S.A (APPLUS) Campus UAB, Barcelona.

LARCORE technical data sheet Larcore_PTDS_201506 dated 2015-02-05.

Certificate has been renewed based on the MED B Certificate 1429815 HH

Tests carried out

Tested according to IMO Res. MSC.307(88) – 2010 FTP Code Annex 1, 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).