

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00004HM
Revision No:
2

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

with type designation(s)

Luxboard D - laminated surface finish on aluminium honeycomb panel

Issued to

Luxpanel International GmbH
Bitburg, Rheinland-Pfalz, Germany

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

Regulation (EU) 2023/1667,

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

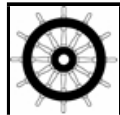
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-02-12**.

Issued at **Hamburg** on **2024-02-13**

DNV local unit:
Essen

Approval Engineer:
Karolina Kusmider



Notified Body
No.: **0098**



for **DNV GL SE**

Digitally Signed By:
Christine Mydlak-Röder
Location: **DNV Hamburg,**
Germany

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) 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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 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.



Product description

“Luxboard D - laminated surface finish on aluminium honeycomb panel”

Laminate surface coating applied on approved non-combustible aluminium honeycomb panel of type Luxboard A. The laminate coating consists of paper bound with a phenol resin.

The laminate coating is glued to the underlying aluminium honeycomb panel by means of the approved adhesive thermoplastic film LBA 125 (surface weight of 50 g/m²).

Maximum applied thickness of laminate coating (per panel side): 0.4 mm
Density laminate coating: 1350 kg/m³

For further details see Type Examination documentation below.

Application/Limitation

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

Approved colour of laminate coating: light brown and brighter
Maximum organic content of laminate coating: 67%

Approved for use as decorative veneer on approved non-combustible aluminium honeycomb panel of type Luxboard A. Application on another type of approved non-combustible honeycomb is subject to case by case approval.

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 Annex1 Part 5 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

The product satisfies the requirement for maximum calorific value (ref. SOLAS Chapter II-2, Reg 5.3.2.2) without further testing.

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

Type Examination documentation

Test report no.: 8115656459-10 dated 15 June 2018 from DMT GmbH & Co. KG , Germany.
Test report no. 8116853070-10 dated 22 May 2019 from DMT GmbH & Co. KG , Germany.
Test report no. 8116853070-30 dated 22 May 2019 from DMT GmbH & Co. KG , Germany.

Tests carried out

Tested according to IMO 2010 FTP Code Part 5 and Annex 2 item 2.2 and item 2.3 (Test report no. 8115656459-10).
Tested according to IMO 2010 FTP Code Part 5 and 2 (Test report nos. 8116853070-10 & 8116853070-30).

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).