

# EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:  
**MEDB00002D0**  
Revision No:  
**1**

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)  
**Luxboard A**

Issued to

**Luxpanel International GmbH**  
**Bitburg, Rheinland-Pfalz, Germany**

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

Regulation (EU) 2021/1158,

**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**

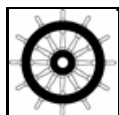
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2027-06-07**.

Issued at **Hamburg** on **2022-06-08**

DNV local station:  
**Essen**

Approval Engineer:  
**Timo Linn**



Notified Body  
No.: **0098**

for DNV 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 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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 A** is an aluminum panel consisting of an aluminum honeycomb core with aluminum sheets adhered to each side.

The aluminum honeycomb core (thickness between 3.0 mm and 49.5 mm) covered on both sides with aluminum sheets (thickness between 0.25 mm and 1.5 mm), which are glued to the honeycomb core with the approved adhesive thermoplastic film LBA 125 (thickness between 0.12 and 1.0 mm).

Panel width up to 1600mm  
Panel length up to 15000mm

## Application/Limitation

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

Additional surface materials have to be approved for low flame-spread characteristics and smoke and toxicity (IMO 2010 FTP Code, Annex 1, Parts 2 and 5).

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 Nos. 20673209-10b & c dated 18<sup>th</sup> September 2017 and No. 20670140-20b dated 5<sup>th</sup> May 2017 issued by DMT GmbH & Co. KG (DMT-Test Laboratory for Fire Protection – Test Body for Fire Protection), Germany.  
Technical data sheet: "Luxboard A".

## Tests carried out

Tested in accordance with the IMO 2010 FTP Code (IMO Resolution MSC.307(88)) Annex 1, Part 5 and in compliance with Annex 2, item 2.2 for materials not generating excessive quantities of smoke nor toxic products in fire.

## 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