

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)

Aluminium honeycomb with aluminium sheets adhered to each side, type "Blueboard"

Issued to

Luxpanel International GmbH
Bitburg, Germany

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

Regulation **(EU) 2017/306,**

item No. MED/3.64. SOLAS 74 as amended, Regulation II-2/3.10 & 2/9 and IMO 2010 FTP Code

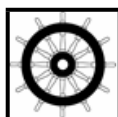
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2017-09-19**.

Issued at **Hamburg** on **2017-05-24**

DNV GL local station:
Essen

Approval Engineer:
Pavel Golyshev



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



Job Id: **344.1-006866-1**
Certificate No: **MEDB00002JV**

Product description

"Aluminium honeycomb with aluminium sheets adhered to each side, type "Blueboard"
Aluminium non-combustible panel, consisting of aluminium honeycomb (thickness between 3.0 mm to 49.5 mm) covered on both sides with aluminium sheets (thickness between 0.25 mm to 1.5 mm), sheets are glued with approved adhesive thermoplastic film LBA 125 (thickness: < 1 mm); Ref: test report DMT no. 20670140-20b, from 5th of May 2017.

Application/Limitation

The product can be used in 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 No. 20670140-20b, APS4-Mü/Wa dated 5th of May 2017 from DMT GmbH & Co. KG (DMT-Test Laboratory for Fire Protection – Test Body for Fire Protection), Germany.
Technical data sheet: Blueboard.

Tests carried out

The used adhesive has been tested acc. to IMO 2010 FTP Code (IMO Resolution MSC.307(88)) Annex 1, Part 5 and Annex 2, item 2.2.

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 and USCG approval number if applicable (see first page).