

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)
Comb + Basic

Issued to

Lindner SE
Arnstorf, Bayern, Germany

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2019/1397**,
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

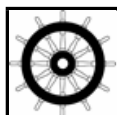
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2025-06-15**.

Issued at **Hamburg** on **2020-06-16**

DNV GL local station:
Augsburg

Approval Engineer:
Timo Linn



Notified Body
No.: **0098**

for **DNV GL SE**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



Job Id: **344.1-009899-1**
Certificate No: **MEDB0000609**

Product description

"Comb + Basic"

Aluminium non-combustible panel, consisting of aluminium honeycomb (total thickness: 13.6 mm) covered on both side with aluminium sheets (thickness 0.8 mm) and glued with approved adhesive film "Jowatherm-Reaktant 609.30".

Application/Limitation

The product can be used in a C-class division as defined in SOLAS II-2 Reg .3.10 and is considered as being non-combustible as per the 2010 IMO FTP Code, Annex 2, Para 1.

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

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

Approved for all colour variations

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

Type Examination documentation

Technical data sheet: Detail Comp + Platte from 2014-11-12.
(DNVGL Ref. No. 14-110834)

Certificate has been updated based on the MED B Certificate 13908-15 HH

Tests carried out

IMO 2010 FTP Code 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).