

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

with type designation(s)  
**Messner Aufbau01**

Issued to

**Messner Ges.m.b.H.**  
**Lang, Steiermark, Austria**

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

Regulation **(EU) 2019/1397,**

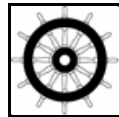
**item No. MED/3.18a. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000  
HSC Code 7 and IMO 2010 FTP Code**

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

This Certificate is valid until **2025-02-02.**

Issued at **Hamburg** on **2020-02-03**

DNV GL local station:  
**Augsburg**



for **DNV GL SE**

Approval Engineer:  
**Roland Priebe**

Notified Body  
No.: **0098**

**Gerhard Aulbert**  
**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), as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004, and amended by Decision No 1/2018 dated February 18th, 2019.

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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



## Product description

**Messner Aufbau01** is a decorative venier for bulkheads, walls and ceilings linings.

Composed of (from below to top):

- an aluminium honey cumb plate (10 mm thick, 610 kg/m<sup>3</sup>) from Luxpanel International GmbH,
- the adhesive Rakoll GXL3 (100 g/m<sup>2</sup>) from H.B. Fuller,
- the venier Alpilignum Titanium Oak (0.6 mm thick, 550 kg/m<sup>3</sup>) from Alpi S.p.A. and
- the finishing lacquer PU058 MK8 (200 g/m<sup>2</sup>) from Votteler AG.

Thickness	10.6 mm
Area density	6.4 kg/m <sup>2</sup>
Organic content	98 %
Colour	brown

For further details refer to the documentation listed below under "Type Examination documentation".

## Application/Limitation

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

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 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 use.

## Type Examination documentation

Test report No. 8116835318-30 dated 15<sup>th</sup> April 2019 and 8116835318-10 dated 26<sup>th</sup> April 2019 from DMT GmbH & Co. KG, Dortmund, Germany.

## Tests carried out

Tested according to IMO Res. MSC.307(88) - 2010 FTP Code, Annex 1, Part 5 and Part 2.

## Marking of product

The product *or packing* is to be marked with:

- name and address of manufacturer,
- type designation,
- fire technical rating,
- the MED Mark of Conformity (see page 1) and
- USCG approval number, if applicable.