

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB00001WU
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)
VEROBOARD Element

Issued to
**Verotec GmbH
Lauringen (Donau), Germany**

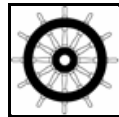
is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2020/1170,**
**item No. MED/3.18a. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000
HSC Code 7 and IMO 2010 FTP Code**

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

This Certificate is valid until **2025-09-27**.

Issued at **Hamburg** on **2020-09-28**

DNV GL local station:
Augsburg



for **DNV GL SE**

Approval Engineer:
John Alan Walton

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

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: **344.1-006202-3**
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Product description

VeroBoard Element is a homogeneous lightweight panel composed of Verolith mineral based hollow microspheres:

Max panel thickness: 100mm
Nominal Density: 550Kg/m³
Colour: Grey
Organic content: max 7.1%

Application/Limitation

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

When used as part of any bulkhead, ceiling or lining in service and accommodation spaces the total volume of combustible materials shall not exceed a volume equivalent to 2.5mm veneer on the combined area of the walls and ceiling linings.

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

The product may be applied to any metallic base and non combustible base, if the product would not need any adhesive or combustible layer. When the product is to be applied to bulkheads or ceilings by using an adhesive, a combination test may be required.

The product is to be supplied with instructions for installation/use.

Type Examination documentation

Test Report No. 20649784-10b dated 2015-02-26 and Assessment Report No. 20662192-10 dated 2016-05-31 issued by DMT GmbH & Co. KG - Test Laboratory for Fire Protection, Dortmund, Germany.

Tests carried out

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

As per IMO Res. MSC.307(88), Annex 2, Clause 2.2 "VeroBoard Element" meets the requirements of Annex 1, Part 2 (smoke and toxicity) without further testing.

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).