

# EC-Type Examination Certificate (Module B)



This is to certify that:

TÜV NORD Systems GmbH & Co.KG, notified by the Federal Maritime and Hydrographic Agency of Germany (BSH), did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the essential fire protection equipment requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the details of appraisal attached hereto.

Recognized acc. to 2014/90/EU  
by the BSH  
BSH-Reference No.:  
0800S11/4822/005



**Certificate No.** M18028

**Applicant:** CBG Composites GmbH  
Egerpohl 2  
51688 Wipperfürth  
Germany

**Product Name:** LifeRock MW-180 (density 170 kg/m<sup>3</sup>)

**Trade Name:** -

**Product Description:** non-combustible insulation material

**Regulation Item:** MED/ 3.13

**Specified Standards** SOLAS 74 as amended, Reg. II-2/3, II.2/5, II.2/9, X/3  
IMO Res. MSC.307 (88) - (2010 FTP Code) as amended,  
IMO Res. MSC.36(63)-(1994 HSC Code) 7,  
IMO Res. MSC.97(73)-(2000 HSC Code) 7.

**Related Directive** 2014/90/EU – in conjunction with 2018/773/EU

*The attached annex (details of appraisal) is part of this certificate.*

**USCG Approval No.:** 164.109

**Date of Issue:** 2018-10-19

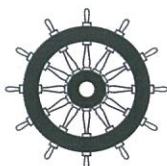
**Expiry Date:** 2022-07-07

**Tobias Nelke**  
Head of certification body SEECERT  
(Notified Body No.: 0045)

The mark of conformity (wheelmark ) may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with the Notified Body SEECERT.

This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached annex (details of appraisal) are complied with. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the notified body SEECERT. Should the specified regulations or standards be amended during the period of validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on the market and on board vessels to which the amended regulations or standards apply.

An 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".



XXXX/(YY)YY

The marking of approved marine equipment must take place under Article 9, Article 10 and if applicable Article 11 in conjunction with Annex I of the Marine Equipment Directive 2014/90/EU. In addition to the marking, the identification number of the notified body performing the conformity assessment procedure and the year in which the conformity mark was affixed shall be indicated.

XXXX Number of the Notified Body responsible for quality surveillance module.  
(YY)YY The year (last two or four digits) in which the mark is affixed.

## DETAILS OF APPRAISAL

### Appraisal Documentation:

Test report No.: 20667905-10 dated 26<sup>th</sup> of January 2017 issued by DMT GmbH & Co. KG, Germany  
(TNS Ref.No.: MED3.20170329.154822-100)

### Tests carried out:

Tested according to IMO 2010 FTP Code Annex 1: Part 1

### Technical principles:

"LifeRock MW-180" rock wool may be used as an approved non-combustible material.

Nominal density:	170 kg/m <sup>3</sup> (± 10),
Organic content:	4 %, (± 3)

If tested accordingly, the use of the product as an integrated part of approved fire resisting divisions is permitted.

### Installation:

Assembly procedure on board as per manufacturer's instruction, which has to be supplied together with the product.

### Marking:

The product/ package shall be permanently marked in accordance with Article 10 of the Council Directive 2014/90/EC of 23<sup>rd</sup> of July 2014 on marine equipment, e.g. certificate (approval) number, fire rating, etc.

### Remarks:

None

### Limitations / Acceptance on use of the product:

See "Technical principles".

### Comment to USCG Approval:

Non-combustible material