

EC Type Examination (Module B) Certificate

USCG-EU MRA

This is to certify that:

LLOYD'S REGISTER Marine Deutschland GmbH (LRMD), designated as a "notified body" based on the notification of the Federal Maritime and Hydrographic Agency of Germany, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU and the valid Commission Implementing Regulation (EU) in force indicating design, construction and performance requirements and testing standards for marine equipment, subject to the conditions below and the attached Schedule which also forms part of this Certificate.

Manufacturer	EGGER Kunststoffe GmbH & Co. KG
Address	Im Weilandmoor 2, D-38518 Gifhorn, Germany
Reference	Marine Equipment Directive (MED) 2014/90/EU, Regulation (EU) 2021/1158
Regulation Item (No. & Item Designation)	MED/3.18a Surface Materials And Floor Coverings With Low Flame-Spread Characteristics: Decorative Veneers
Product Type	MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS & NOT CAPABLE OF PRODUCING EXCESSIVE QUANTITIES OF SMOKE & TOXIC PRODUCTS OF COMBUSTION
Product Description	Fire Resisting Material
Specified Standard	IMO Res. MSC.61(67) - (FTP Code) Annex 1 Part 5 and Annex 2 IMO MSC/Circ.1120 IMO Res. MSC.307(88) - (2010 FTP Code) Section 8 IMO Res. MSC.307(88) - (2010 FTP Code) Annex 1 Part 5 and Annex 2
Trade Name	EGGER Schichtstoff (EGGER laminate)", "EGGER Schichtstoff mit farbigem Kern (EGGER laminate coloured core)" and "EGGER Schichtstoff lackierfaehig (EGGER painting grade)"

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

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 named on this certificate. The manufacturer should notify LRMD of any modification or changes to the equipment in order to obtain a valid Certificate.

Lloyd's Register Marine Deutschland
GmbH, Überseeallee 10, D-20457
Hamburg, Germany.
A member of the Lloyd's Register group

Jessica Evans

Senior Surveyor
For and on behalf of Lloyd's Register Marine
Deutschland GmbH (2923)

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This equipment is covered by the scope of the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed on 27 February 2004 and amended by Decision No.1/2018 dated 18 February 2019 according to U.S. Coast Guard approval category USCG Module B number:

164.112/EC2923

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).

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

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-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 a notified body.

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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR22160684MB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

This Certificate Supersedes and is an Amendment of Certificate Number 0525-MED-DE-MED 1850177

Approval Documentation

Test Reports

Exova Warringtonfire, Industriepark Höchst, C369, Frankfurt, Germany, Fire Test Reports No. 2011-1661-1 dated 6th July 2011, No. 2012-1099 dated 31st January 2012, No. 2012-1249 dated 20th March 2012, No. 2013-1033-1 dated 21st January 2013, No. 2015-1346, No. 2015-1347 both dated 7th May 2015, No. 2017-1456 dated 11th May 2017, No. 210420 dated 17th June 2021 and No. 210421 dated 23rd June 2021.

Conditions of Certification

1. When bonded to a non-combustible substrate with 'Aerodux 185 + HRP 150' adhesive manufactured by Dynea.
2. EGGER laminate: Multilayer laminate (0.6mm and 0.8mm thick) consisting of: overlay paper(optional) and decorative paper impregnated with melamin resin, kraft paper impregnated with Phenol melamin resin mix, backing paper or absorbent paper.
3. EGGER laminate: Multilayer laminate (0.6mm and 0.8 mm thick) consisting of: overlay paper(optional) and digital printed paper impregnated with melamin resin, kraft paper impregnated with Phenol melamin resin mix, backing paper or absorbent paper.
4. EGGER laminate coloured core: Multilayer laminate (0.8 mm) consisting of: decorative paper impregnated with melamin resin, backing paper or absorbent paper.
5. EGGER painting grade: Multilayer laminate (0.6mm and 0.8mm thick) consisting of top layer of parchment paper, kraft paper impregnated with Phenol melamin resin mix, and absorbent paper on back. Density 1350kg/m³.
6. Smoke and toxicity criteria is satisfied by meeting the total heat release (Qt) and peak heat release rate (qp) as stated in IMO Fire Test Procedures Code, Annex 2, section 2.2.
7. Composition of individual components including fire retardants and adhesives, and final mixing ratios, to be maintained in production and application in accordance with originally tested composition formula.

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8. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
9. Each item, batch or lot of the equipment is to be issued with a “Declaration of Conformity” and have the “Mark of Conformity” affixed after a conformity assessment module is in place.
10. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel mark has been affixed on the last product manufactured and in no case for a period shorter than the expected life of the marine equipment concerned.

PLACE OF PRODUCTION

EGGER Kunststoffe GmbH & Co. KG
Im Weilandmoor 2
D-38518 Gifhorn
Germany



Jessica Evans
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
For and on behalf of Lloyd's Register Marine Deutschland
LRMD EC Distinguishing No. 2923

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