



Lloyd's  
Register

Notified Body authorised by the MCA

## USCG-EU MRA



Maritime &  
Coastguard  
Agency

### EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Fire protection requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC, 2009/26/EC, 2010/68/EU, 2011/75/EU, 2012/32/EU, 2013/52/EU and 2014/93/EU subject to any conditions in the Design Appraisal Document attached hereto.

<b>Manufacturer</b>	Dekodur GmbH & Co. KG
<b>Address</b>	Langenthalerstraße 4, D-69434 Hirschhorn Germany
<b>Annex A1 Item</b>	<b>A.1/3.18b SURFACE MATERIALS &amp; FLOOR COVERINGS WITH LOW FLAME-SPREAD CHARACTERISTICS - PAINT SYSTEMS</b>
<b>USCG Category Number</b>	<b>164.112 - SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME SPREAD CHARACTERISTICS (Interior Finish)</b>
<b>Product Type</b>	<b>MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS &amp; NOT CAPABLE OF PRODUCING EXCESSIVE SMOKE &amp; TOXIC PRODUCTS OF COMBUSTION</b>
<b>Product Description</b>	Fire-Resisting Material - Type "Dekorial HPL with metal laminate"
<b>Specified Standard</b>	IMO Res. MSC.307(88) - (2010 FTP Code) Annex 1 Part 5 and Annex 2

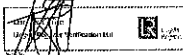
The attached Design Appraisal Document (schedule) forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Date of issue	3 December 2015	Expiry date	2 December 2020
---------------	-----------------	-------------	-----------------

Certificate No.	MED 1550264
-----------------	-------------

Signed	
--------	--



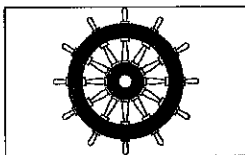
Sheet No	1 of 3
----------	--------

Name	J. M. Evans
------	-------------

For and on behalf of Lloyd's Register Verification:  
LRV EC Distinguishing No. 0038

Note:

This certificate is not valid for equipment; the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



0038/yy

Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.

yy = Last two digits of year mark affixed.

This product has been assigned a U.S. Coast Guard Module B number:

**USCG Module B number: 164.112/EC0038**

### USCG-EU MRA

to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment."

This certificate is issued under the authority of the MCA.

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Tenchurch Street, London, EC3M 4BS, UK. A subsidiary of Lloyd's Register Group Limited.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's  
Register

**Lloyd's Register Verification Limited**

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email med@lr.org

Page 2 of 3
Document number MED 1550264
Issue number 1

**DESIGN APPRAISAL DOCUMENT**

Date 3 December 2015	Quote this reference on all future communications MTES/SFS/TA/JE/WP23521045
-------------------------	--

ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1550264

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.

APPROVAL/EXAMINED DOCUMENTATION

DMT GmbH & Co KG, Tremoniastrabe 13, D-44137 Dortmund, Germany, Fire Test Reports No. 20654337-20 APS4-Hau/Wa and 20654337-30 APS4-Hau/Wa both dated 16<sup>th</sup> September 2015.

CONDITIONS OF CERTIFICATION

1. Dekorial HPL (high pressure laminate) consisting of: phenolic resin impregnated craft paper with aluminium foil covering. Density 1.35 kg/m<sup>3</sup>, thickness 0.8mm
2. 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
3. Composition of individual coatings to be maintained in production in accordance with originally tested composition formula
4. 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
5. This product has been assigned a U.S. Coast Guard Module B number USCG Approval Category 164.112/EC0038 to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Corrigendum to Council Decision 2004/425/EC of 21 April 2004 on the conclusion of an Agreement between the European Community and the United States of America on the mutual recognition of certificates of conformity for marine equipment"

In those instances where the Notified Body conducting the conformity assessment in accordance with either Module D, E or F of the Marine Equipment Directive is not Lloyd's Register Verification Ltd., such Notified Body would use the above U.S. Coast Guard Module B number to provide the manufacturer with the U.S. Coast Guard approval number by noting it on the Certificate of Conformity, thereby authorizing the manufacturer to mark the product accordingly

Note: For products placed on board U.S. flagged ships there is no declaration of conformity required to meet U.S. Coast Guard requirements

6. 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



Lloyd's  
Register

**Lloyd's Register Verification Limited**

71 Fenchurch Street, London, EC3M 4BS  
Telephone 020 7423 2416 Fax 020 7423 2053  
Email med@lr.org

Page 3 of 3
Document number MED 1550264
Issue number 1

**DESIGN APPRAISAL DOCUMENT**

Date 3 December 2015	Quote this reference on all future communications MTES/SFS/TA/JE/WP23521045
-------------------------	--

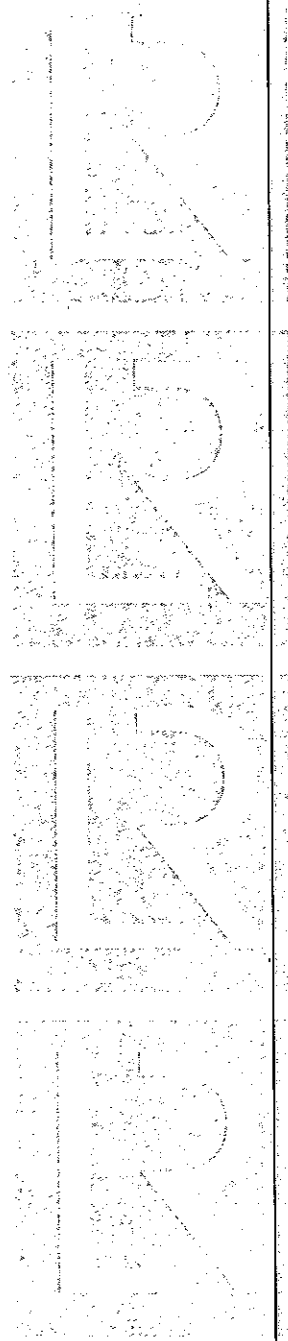
**ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. MED 1550264**

**PLACE OF PRODUCTION**

Dekodur GmbH & Co. KG  
Langenthalerstraße 4,  
D-69434 Hirschhorn  
Germany



Jessica Evans  
Senior Specialist  
Statutory Fire & Safety  
Marine Technology and Engineering Services  
For and on behalf of Lloyd's Register Verification  
LRV EC Distinguishing No. 0038





Lloyd's  
Register

## CERTIFICATE OF FIRE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

**Manufacturer** Dekodur GmbH & Co. KG

**Address** Langenthalerstraße 4,  
D-69434 Hirschhorn  
Germany

**Type** **MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS & NOT CAPABLE OF PRODUCING EXCESSIVE SMOKE & TOXIC PRODUCTS OF COMBUSTION**

**Description** Fire-Resisting Material - Type "Dekoriel HPL with metal laminate"

**Specified Standard** IMO Res. MSC.307(88) - (2010 FTP Code) Annex 1 Part 5 and Annex 2

The attached Design Appraisal Document forms part of this certificate.

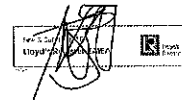
This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 3 December 2015

Expiry date 2 December 2020

Certificate No. SAS F150310

Signed



Sheet No 1 of 2

Name

J. M. Evans  
Surveyor to Lloyd's Register EMEA  
A Member of the Lloyd's Register Group

### Note:

**This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid Certificate.**

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's  
Register

**Lloyd's Register EMEA**

71 Fenchurch Street, London, EC3M 4BS  
Telephone 020 7423 2416 Fax 020 7423 2053  
Email med@lr.org

Page 2 of 2
Document number SAS F150310
Issue number 1

**DESIGN APPRAISAL DOCUMENT**

Date 3 December 2015	Quote this reference on all future communications MTES/SFS/TA/JE/WP23521045
-------------------------	--

**ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F150310**

This Design Appraisal Document forms part of the Certificate.

**APPROVAL DOCUMENTATION**

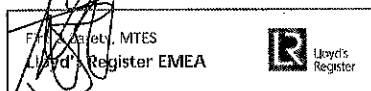
DMT GmbH & Co KG, Tremoniastrabe 13, D-44137 Dortmund, Germany, Fire Test Reports No. 20654337-20 APS4-Hau/Wa and 20654337-30 APS4-Hau/Wa both dated 16<sup>th</sup> September 2015.

**CONDITIONS OF CERTIFICATION**

1. Dekorial HPL (high pressure laminate) consisting of: phenolic resin impregnated craft paper with aluminium foil covering. Density 1.35 kg/m<sup>3</sup>, thickness 0.8mm
2. 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
3. Composition of individual layers and adhesive to be maintained in production in accordance with originally tested composition formula
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype

**PLACE OF PRODUCTION**

Dekodur GmbH & Co. KG  
Langenthalerstraße 4,  
D-69434 Hirschhorn  
Germany



Jessica Evans  
Senior Surveyor  
Statutory Fire & Safety  
Marine Technology and Engineering Services  
Lloyd's Register EMEA

**Supplementary Type Approval Terms and Conditions**

*This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).*