



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	Langenthaler Strabe 4 D-69434 Hirschhorn/Neckar Germany
Type	MATERIAL HAVING LOW FLAME SPREAD CHARACTERISTICS & NOT CAPABLE OF PRODUCING EXCESSIVE SMOKE & TOXIC PRODUCTS OF COMBUSTION
Description	Fire-Resisting Material – Type “Dekoplus (Dekolor / Dekonova)”
Specified Standard	IMO Res. MSC.61 (67) - (FTP Code) Annex 1 Part 2 and Part 5 IMO MSC/Circ.1120 IMO Res. MSC.307(88) – (2010 FTP Code) Section 8

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 29 November 2014

Expiry date 28 November 2019

Certificate No. SAS F140323

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

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DESIGN APPRAISAL DOCUMENT

Date 29 November 2014	Quote this reference on all future communications MTES/TA/SFS/JE/WP19373453
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F140323

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

TUV Nord (Brandversuchshaus Hamburg), Morkenstrabe 36, D-22767 Hamburg, Germany, Fire Test Reports No. SN02/2480.2 and TN02/2508.2 both dated 20th May 2003.

CONDITIONS OF CERTIFICATION

1. When applied to a non-combustible substrate.
2. Decorative high pressure laminate comprising: resin impregnated paper (0.8mm thick, weight 1350g/m²) bonded to substrate with 'DORUS FU 406/1' adhesive applied at rate 120g/m².
3. Composition of individual components, including any fire retardants, to be maintained in production in accordance with originally tested composition formula and applied in accordance with manufacturer's instructions.
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
Langenthaler Strabe 4
69434 Hirschhorn / Neckar
Germany



J. M. 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).