

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	DI Dekodur International Gmbh & Co. KG
Address	Langenthalerstraße 5, 69434 Hirschhorn, Neckar, Germany
Type	Non-Combustible Material
Description	Non-combustible Material
Trade Name	“deko FireSafe Alu-Lightweight Board Interior A1”
Specified Standard	IMO Res. MSC.307(88) – (2010 FTP Code) Annex 1 Part 1

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form 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.

Jessica Evans

Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR22228503SF

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

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APPROVAL DOCUMENTATION

TEST REPORTS

Testing Laboratory of Physical Properties of Materials, Structures and Buildings – Prague, Pražská 810/16, Hostivař, 102 21 Prague, Czechoslovakia; Fire Test Report No. 21/P112-1 dated 7th April 2021.

CONDITIONS OF CERTIFICATION

1. Aluminium composite board consisting from fire exposed side of: top of layer aluminium (500 micron thick, density 2.7 g/cm³) followed by base layer of 'Verotec Board' of Expanded glass (expanded recycled glass granules) manufactured by DI Dekodur (15 mm thick, density 630kg/m³) followed by backing layer of aluminium (500 micron thick, density 2.7 g/cm³). Bonded with adhesive type "GLUKON®prime sea" pressure sensitive and contact adhesive manufactured by BÖKER Sprühklebersysteme GmbH, Germany.
2. Total thickness 16 mm, density 700 kg/m³.
3. Composition of individual layers 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.
5. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products, whether manufactured by themselves or their licensee manufacturers, if agreed by Lloyd's Register, are fully compliant with the relevant statutory regulations and Lloyd's Register Class rules as applicable and designed, manufactured and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties.

DESIGN APPRAISAL DOCUMENT

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PLACE OF PRODUCTION

DI Dekodur International GmbH & Co. KG
Langenthalerstraße 5
69434 Hirschhorn/Neckar
Germany



Jessica Evans
Senior Specialist
Statutory Fire & Safety
Marine Technology and Engineering Services
Global Technology Centre
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).