

EC CERTIFICATE TYPE EXAMINATION (MODULE B)

DNV·GL

This is to certify that:

DNV GL SE, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No.	14 298 - 15 HH
Applicant	Alucoil, S.A. C/ Ircio Parc: R72-R77 Pol. Ind. De Bayas 09200 Miranda de Ebro, SPAIN
Manufacturer	Alucoil, S.A. C/ Ircio Parc: R72-R77 Pol. Ind. De Bayas 09200 Miranda de Ebro, SPAIN
Product Description	C-Class Division
Product Name	LARCORE
Trade Name	LARCORE
Specified Standards	IMO Res. MSC.307 (88) - (2010 FTP Code), Annex 2. Para 1 SOLAS II-2 Reg. 3.10
Related Directive	2014/93/EU
Equipment Section	Fire protection
Annex A.1 Item No.	A.1/3.64
Date of Re-issue	2015-08-27
Expiry Date	2020-06-26

DNV GL SE

Notified Body No.: 0098




Christine Mydlak-Röder

Certificate No: 14 298 - 15 HH

Date of Re-issue: 2015-08-27

Schedule of Approval

Approval Documentation

LARCORE technical data sheet Larcore_PTDS_201506 dated 2015-02-05.
(DNVGL Ref. No.15-005601).

Technical Data

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Aluminium non-combustible panel, consisting of aluminium honeycomb (thickness: 4.5mm to 38mm) covered on both side with aluminium sheets (thickness between 0.5mm to 1.0mm), sheets are glued with approved adhesive film Larcore Glue (two-component polyurethane thickness: < 1 mm).

Under IMO FTP-Code Res.MSC.61(67), Annex 2, Part 1, the product may be considered as non-combustible. As per SOLAS II-2, Reg. 3.10 it may be regarded as a "C" class division.

Any adhesive used other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code part 5 and to be approved according to the Marine Equipment Directive and bear the Mark of Conformity

Additional surface materials have to be approved for low flame-spread characteristics and smoke and toxicity (IMO FTP-Code, Annex 1, Part 2 and 5).

Installation:

Installation and maintenance are to be in accordance with the manufacturer's instructions

Remarks

None

Limitations on the acceptance or use of the product

none

Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE, as the Notified Body, of any modifications or changes to the approved equipment.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel 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-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.