



DET NORSKE VERITAS

EC TYPE-EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2009/26/EC, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-6189**

This is to certify that the
"B" Class divisions, fire integrity

with type designation(s)
Class B-30 Bulkhead

Manufacturer
LiteCore A/S 2010
Vodskov, Denmark

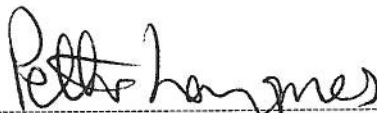
is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.11b and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2.3.4.4. and IMO FTP Code.

Further details of the equipment and conditions for certification are given overleaf.

Høvik, 2010-06-08
for Det Norske Veritas AS



This Certificate is valid until
2015-06-08



Eivind Mykland
Head of Department

Notified Body No.: **0575**

DNV local office:
Aalborg



Jae Park
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-6189
Item No.: A1/3.11b
Job Id.: 344.1-000433-4

Product description

"Class B-30 Bulkhead"

Bulkhead assembled by 606 x 2420 mm (W x H) panels consisting of 26 mm thick calcium silicate boards (type Skamol Super Pro 300, density 300 kg/m³) with 0.8 mm laminate (type Polyrey M1 FR) glued to both sides with Skamol Super Pro Glue. Along the longitudinal edges, 28 mm wide strips of calcium silicate were glued and shaped to groove/key. The panels were glued together in the joints. Total thickness of panels is 27.6 mm.

For further details, see test report listed under Type Examination documentation below.

Application/Limitation

Approved for use as a vertical fire retarding division of class B-30.

The insulation material, adhesive and surface materials used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity.

Each product is to be supplied with its manual for installation and maintenance.

Type Examination documentation

Test Report PG 11257 Serial No. 9287 dated 3 November 2003 from DIFT, Denmark.

Tested according to IMO FTPC Part 3 (IMO Res. A. 754(18)).

Marking of product

The product is to be marked with name of manufacturer, type designation, fire technical rating, Mark of Conformity and USCG Marking if applicable (see below).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

USCG Approval

An 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), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of certificates of conformity for marine equipment" signed 17 October 2005.

