

Certificate No:
MED-B-9367
 Item No:
A1/3.11b
 Job Id:
344.1-004503-1

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by DNV GL under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the "B" Class divisions, fire integrity

with type designation(s)
Stenca B-15 "Light Weight Panel" (LWP)

Issued to
Stenca Trading A/S
Aalborg Ø, 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, 2014-10-17
 for **DNV GL**



This Certificate is valid until
2019-10-09

Marianne Strand Valderhaug
Marianne Strand Valderhaug
Head of Department

Notified Body No.: **0575**
 DNV GL local office:
Aalborg

Synnøve Bolstad Eri
Synnøve Bolstad Eri
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.

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Product description

"Stenca B-15 "Light Weight Panel" (LWP)"
bulkhead panels consisting of 28 mm thick calcium silicate boards of the type "Isosilikat" with density 280 kg/m³ (manufactured by Promat), covered on both sides with 0.7 mm thick laminate of the type "PRINT HPL" (manufactured by Abet Laminati Spa). The interfaces between calcium silicate board/HPL laminate are bonded with an adhesive.

Total thickness: 29.6 mm

The connection between panels consists of:

- Steel profiles, 2500 mm long, 30 mm wide and 1,2 mm thick.
- Stenca Fireseal, applied in the board cavity

Application/Limitation

Approved for use as a vertical fire retarding division of class B-15.

Maximum panel size: 580 mm x 2400 mm (W X H)

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the Mark of Conformity. This requirement may also be applicable for surface materials used, if required by relevant rules and regulations.

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

Type Examination documentation

Test Report No. 103021.06 dated 19 June 2014 from SINTEF NBL as, Trondheim, Norway.

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, fire technical rating, the MED Mark of Conformity and USCG Approval Number if applicable (see below and page 3).

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.



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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.

