DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. **F-19393**

This is to certify that the
Class H Fire Wall and Bulkhead

with type designation(s)
Lite Core Marine Panel H-120

Manufactured by
LiteCore A/S 2010
Vodskov, Denmark

is found to comply with
Det Norske Veritas' Interpretation of SOLAS 1974 Convention as Amended
Det Norske Veritas' Rules for Classification of Ships
Det Norske Veritas' Offshore Standards

Application
Approved for use as a non load-bearing fire retarding wall meeting for a period of 120 minutes the requirements to stability, integrity and insulation for class H-120 divisions.

Høvik, 2010-06-09
for **Det Norske Veritas AS**

Petter Langnes
Head of Section

DNV local office:
Aalborg

This Certificate is valid until
2014-06-30

Jae Park
Surveyor

Product description

"Lite Core Marine Panel H-120"
Bulkhead assembled by panels consisting of 95 mm thick calcium silicate boards, type Skamol SuperPro 300 (density 300 kg/m^3). The panels were glued together in the key/groove joints with Skamol SuperPro Glue, 450 g/m^2. Total thickness of panels is 95 mm.

Max. size panels: 600 x 1215+1185 mm (w x h).

Application/Limitation

Limitation: The division shall not be used as a load bearing division

Arrangement and fastening of the wall is subject to approval in each case.

Any surface layer attached to the insulation material is to be approved according to IMO FTP Code Part 2 and 5. If the surface layer is glued to the insulation material, the glue that is used in practice should be the same that is used in the test.

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

Type Approval documentation

Certification in accordance with Standard for Certification No. 1.2, Type Approval, April 2009.

Test report PG 11459 Serial No. 10052 dated 19 April 2005 and Assessment PH12747 dated 7 July 2005 from Danish Institute of Fire and Security Technology (DIFT), Denmark.

Certificate Retention Survey report dated 08 March 2010 from DNV Aalborg.

Tested according to IMO FTP Code Part 3 (IMO Res. A.754(18)) with the furnace temperature following the hydrocarbon curve specified in EN 1363-2.

Marking of product

The product is to be marked with name of manufacturer, type designation and fire technical rating.

Certificate Retention Survey

Det Norske Veritas' surveyor is to be given permission to perform Certification Retention Surveys at any time during the validity period of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Standard for Certification No. 1.2 item 4.

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