

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Class H Fire Wall and Bulkhead

with type designation(s)

Lite Core Marine Panel H-120

Issued to

LiteCore A/S 2010

Aars, Nordjylland, Denmark

is found to comply with

DNV GL offshore standards

Application :

Approved for use as a non load-bearing fire retarding division of class H-120.

Issued at **Høvik** on **2020-05-08**

for **DNV GL**

This Certificate is valid until **2025-05-07**.

DNV GL local station: **Denmark CMC**

Approval Engineer: **Helge Bjørnarå**

Øyvind Hoff
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV GL AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV GL") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Job Id: **262.1-010062-3**
Certificate No: **TAF00001DF**

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/m³). The panels were glued together in the key/groove joints with Purmelt ME 4655.

Total thickness of panels is 95 mm.

Max. size panels: 600 x 1215+1185 mm (W x H).

Application/Limitation

Approved for use as a non load-bearing fire retarding division of class H-120.

Any surface materials used have to be approved for smoke and toxicity and low flame spread characteristics (IMO 2010 FTP Code part 2 and 5) when required according to relevant rules.

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

Type Approval documentation

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

Test report No. PG11459 Serial No. 10052 dated 19 April 2005 from DIFT, Denmark.

Assessment No. PH12747 dated 7 July 2005 from DIFT, Denmark.

Tests carried out

Tested according to IMO FTP Code Part 3 (IMO Res. A.754(18)) with the hydrocarbon time-temperature 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.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.