Certificate no.:
TAF0000201

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Class H Fire Wall and Bulkhead

with type designation(s)
H-120 Steel Bulkhead

issued to
Rockwool Danmark A/S
Hedehusene, **Denmark**

is found to comply with
DNV offshore standards

Application:

Approved for use as a vertical fire retarding division of class H-120.

Restricted application: Fire against insulated side.

Issued at **Høvik** on **2025-04-04**

This Certificate is valid until **2030-04-03**.
DNV local unit: **Denmark CMC**

Approval Engineer: **Katarzyna Baczewska**

for **DNV**

Digitally Signed By:
Jowita Permoda
Location: DNV Høvik, Norway

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.

Product description

"H-120 Steel Bulkhead"
is composed of structural steel bulkhead core insulated with one layer of 30 mm thick SeaRox SL 660 (150 kg/m³ density, manufactured by Rockwool) and two layers of 40 mm thick SeaRox WM 660 (150 kg/m³ density, manufactured by Rockwool). Stiffeners are insulated with three layers of 40 mm thick SeaRox WM 660 (150 kg/m³ density, manufactured by Rockwool). The cavity inside the stiffeners is filled out with two layers of 30 mm thick SeaRox SL 660. The insulation is fixed to the bulkhead with Ø3 mm steel pins and Ø38 mm washers with spacing of 400 mm horizontally and 300 mm vertically. The minimum distance from insulation joints to pins is 150 mm.

Alternatively, one layer of 30 mm thick SeaRox SL 660 (150 kg/m³ density, manufactured by Rockwool) can be changed on steel plate to one layer of 40 mm thick SeaRox WM 660 (150 kg/m³ density, manufactured by Rockwool).

For further details see drawing listed under Type Examination documentation below.

Application/Limitation

Approved for use as a vertical fire retarding division of class H-120.

Restricted application: fire against insulated side

Any surface materials used have to be approved for smoke and toxicity and low flame-spread characteristics (IMO 2010 FTP Code parts 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 DNV-CP-0338, September 2021.

Test report No. PGB10393A dated 20 August 2024 from Danish Institute of Fire and Security Technology (DBI), Hvidovre, Denmark.

Fire technical assessment report No. PHD10144A dated 25 November 2024 from Danish Institute of Fire and Security Technology (DBI), Hvidovre, Denmark.

Drawing No. 2024/21 rev.1 dated 17 July 2024 from manufacturer.

Tests carried out

Tested according to IMO 2010 FTP Code part 3 with the furnace temperature following the hydrocarbon curve specified in ISO 20902-1:2018.

Marking of product

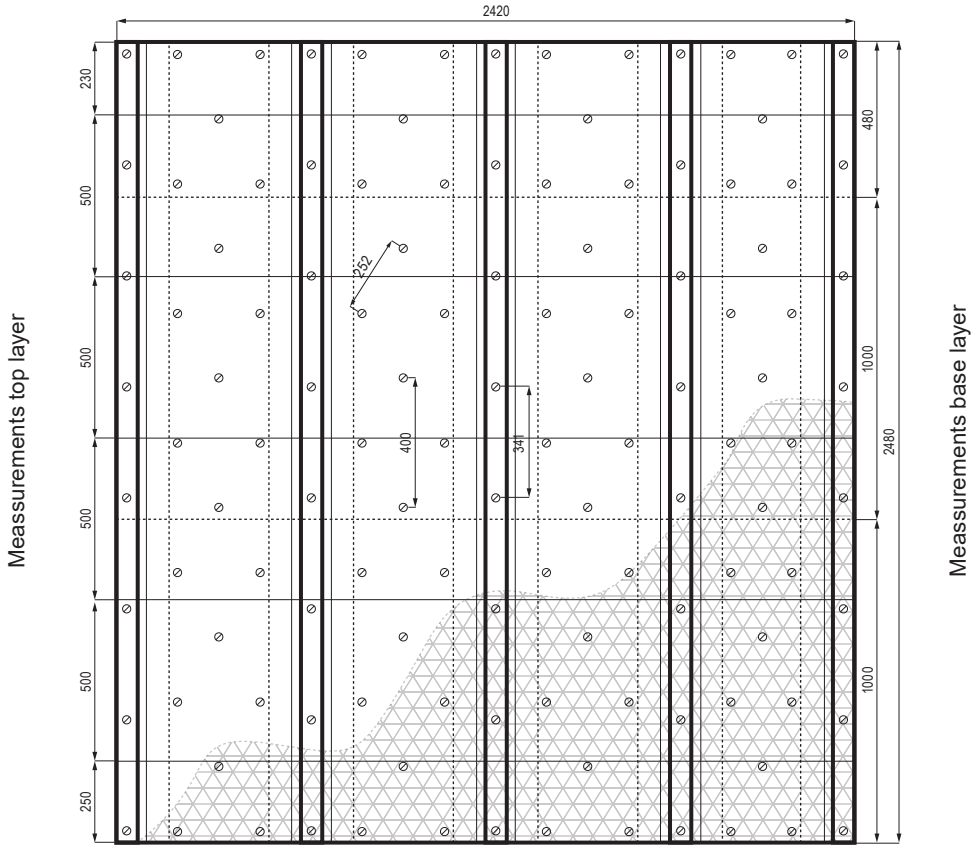
The product or packing is to be marked with name of manufacturer, type designation and fire technical rating.

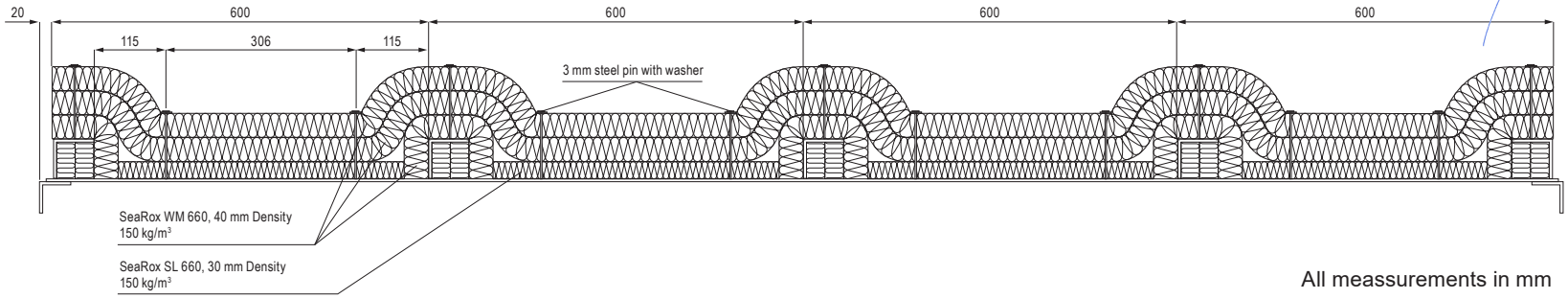
Periodical assessment

DNV'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 DNV-CP-0338, Section 4.

Manufactured by:

ROCKWOOL Danmark A/S
Hovedgaden 501
DK 2640 Hedehusene
Denmark





DBI
PGB10393A

All meassurements in mm

Subject: Bulkhead H120 restricted

Dwg no. 2024/21 rev. 1

Date: 2024/07/17 - DG/JS

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