

# TYPE APPROVAL CERTIFICATE

**This is to certify:**

**That the Class H Fire Wall and Bulkhead**

with type designation(s)  
**Steel Bulkhead H-60**

Issued to

**Rockwool International A/S**  
**Hedehusene, Denmark**

is found to comply with  
**DNV GL offshore standards**

**Application :**

**Approved for use as a class H-60 division.**

Issued at **Høvik** on **2018-11-22**

for **DNV GL**

This Certificate is valid until **2023-11-21**.

DNV GL local station: **Copenhagen**

Approval Engineer: **Grzegorz Wolski**

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**Mårten Schei-Nilsson**  
**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.



Job Id: **262.1-010629-8**  
Certificate No: **TAF0000126**

## **Product description**

"Steel Bulkhead H-60"

composed of structural steel bulkhead insulated with one layer of 30 mm SeaRox SL 660 and one layer of 40 mm SeaRox WM 660. Stiffeners insulated with one layer of 40 mm SeaRox WM 660. Both material with density of 150 kg/m<sup>3</sup> and manufactured by Rockwool International A/S. The insulation is fixed to the bulkhead with Ø3 mm steel pins and Ø38 mm washers with a maximum distance of 250 mm between them.

The installation is to be performed according to the drawings listed under type approval documentation.

## **Application/Limitation**

Approved for use as a class H-60 division.

Restricted application: Fire against the insulated side.

Any surface materials used have to be approved for smoke and toxicity and low flame-spread characteristics (IMO 2010 FTP Code Annex 1 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 DNVGL-CP-0338, September 2018.

Test report No. PG11983 Serial No. 11851 dated 15 January 2009 from DIFT, Denmark.

Drawing (21)4.005 dated 11 November 2008 from manufacturer.

## **Tests carried out**

Tested according to IMO FTPC Part 3 and with the hydrocarbon time-temperature curve specified in ISO 843-3.

## **Marking of product**

The product or packing 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.