

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00008WT

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the **A & B Class divisions fire integrity: B class divisions.**

with type designation(s)
CWP1 SR

issued to

UAB "MS Maritime"
Vilnius District, Lithuania

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2023/1667**,

item No. MED/3.11b. SOLAS 74 as amended, Regulation II-2/3.4 & II-2/9, IMO 2010 FTP Code, IMO MSC/Circ.1120 and IMO MSC.1/Circ.1581

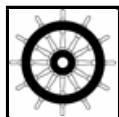
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-04-23**.

Issued at **Høvik** on **2024-04-24**

DNV local unit:
Klaipeda CMC

Approval Engineer:
Meike Grabau



Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
Head of Notified Body

A 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, and amended by Decision No 1/2023 dated August 21st, 2023.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") 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.



Product description

"CWP1 SR"

is a class B-15 wall panel composed of 0.5 mm galvanised steel sheet, insulation core (manufactured by Paroc Group Oy) made of mineral wool 12 mm "Paroc Marine Slab 250 N5" (250 kg/m³), 10 mm "Paroc Marine Slab 150 N5" (150 kg/m³), 19 mm "Paroc Marine Slab 250" (250 kg/m³) and 0.6 mm galvanised steel sheet. A total of five strips of "Insulfrax Paper" (160 kg/m³) were arranged at regular intervals of 600 mm across in double layers, each with a thickness of 3 mm. Full-volume "Paroc Marine Slab 150 N5" (150 kg/m³) was arranged at the edge of the tongue area with a thickness of approx. 25 mm.

In the cut-out area of the groove, the sheet was 0.7 mm thick. The outer steel sheets were bonded to the insulation and the insulation to each other using the adhesive "Korapur 672" (500 g/m²) manufactured by Kommerling Chemische Fabrik GmbH. The panels were connected by means of tongue and groove, inserted, not screwed.

The class B-15 wall was mounted in the test frame using L-profiles welded to the test frame, into which the wall construction was inserted. Any remaining gaps between the wall and the test frame were filled with loose mineral wool.

Total panel thickness: approx. 50 mm.

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

Application/Limitation

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

Maximum panel size: 600 mm x 2460 mm (W x H).

The insulation materials and adhesives used have to be approved according to the Marine Equipment Directive and bear the MED 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, use and maintenance.

Type Examination documentation

Tests carried out

Tested according to IMO 2010 FTP Code Part 3.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, fire-technical rating, MED Mark of Conformity and USCG approval number if applicable (see first page).