Certificate no.:
TAF00001VC

TYPE APPROVAL CERTIFICATE

This is to certify:

that the Surface Material of Low Flame Spread

with type designation(s)
Glass Wool RPS Board

issued to
DAEYOUNG INTECH CORP
Geoje-si, **Republic of Korea**

is found to comply with
DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021
DNV rules for classification – Ships
DNV offshore standards

Application:

Approved for use as low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire.

This certificate is recognized by Transport Canada.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2023-11-15**
This Certificate is valid until **2028-11-14**.
DNV local unit: **Gimhae Station**

for **DNV**

Approval Engineer: **Nanna Martine Jacobsen**

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 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
"Glass Wool RPS Board",
composed of 50 mm Glass Wool Board (density 48 kg/m^3) manufactured by Saint-Gobain ISOVER Korea Corporation, faced with 0.3 mm PVC, 0.015 mm Aluminum foil and 0.012 mm PET Film. Facings are manufactured by Erum Material Corporation.

Nominal thickness: 50 mm

Application/Limitation
Approved for use as low flame spread material, not generating excessive quantities of neither smoke nor toxic products in fire.

Approved for use as decorative veneer on any non-combustible substrate.

Approved colour: silver
Maximum organic content: 40%

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO FTP Code Part 5.

The product satisfies the requirement for maximum calorific value (ref. SOLAS Chapter II-2, Reg. 5.3.2.2) without further testing.

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

Type Approval documentation
Certification in accordance with Class Programme DNV-CP-0338, September 2021.

Test report No. KOMERI-0402-23T1440(E) dated 14 September 2023 from KOMERI, Busan, Korea.

Tests carried out
Tested according to IMO 2010 FTP Code Part 5 and Annex 2 item 2.2 and item 2.3.

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

Transport Canada
Based on the procedures laid down in the Transport Canada Publication entitled "Procedures for Approval of Life-Saving Appliances, Fire Safety Systems, Equipment and Products (TP14612)", DNV confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

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.