Certificate No:
TAF00001JN

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Floor Covering

with type designation(s)
First Green Marine

Issued to
RM Ltd.
Hwaseong-si, Gyeonggi-do, Republic of Korea

is found to comply with
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations
DNV GL rules for classification – Ships
DNV GL offshore standards

Application :

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 **2021-05-25**
This Certificate is valid until **2026-05-24**.
DNV local station: **Seoul**

Approval Engineer: **Helge Bjørnarå**

for **DNV**

Sverre Olav Bergli
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 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
"First Green Marine"
is a rubber floor covering consisting of rubber resin, additives, filler, crosslink and pigments.

Max. total thickness: 5 mm

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

Approved for use as floor coverings on any low flame-spread floor covering, steel or non-combustible material.

Approved colour: Grey
Max. organic content: 37 %

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics according to IMO 2010 FTP Code part 5.

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

Type Approval documentation
Certification in accordance with Class Programme DNVGL-CP-0038, September 2018.

Test report No. KOMERI-0402-20T4897(E) dated 12 January 2021 from KOMERI, Gyeonggi-do, Korea.
Test report No. KOMERI-0402-20T4898(E) dated 12 January 2021 from KOMERI, Gyeonggi-do, Korea.

Tests carried out
Tested according to IMO 2010 FTP Code Part 5 and 2.

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

Transport Canada Approval
Based on the procedures laid down in the Transport Canada Publication entitled "Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)", 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 DNVGL-CP-0338, Section 4.