

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Floor Covering**

with type designation(s)

Marine Carpets Type: 80% Wool 20% Nylon Pile Axminster Woven Carpets

Issued to

**Carpets International Thailand Public Co. Ltd.
Muang Pathum Thani, Pathum Thani, Thailand**

is found to comply with

DNV GL offshore standards**DNV GL rules for classification – Ships****DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations****Application :****Low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire.****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2019-05-08**This Certificate is valid until **2024-05-07**.for **DNV GL**DNV GL local station: **Bangkok**Approval Engineer: **Karolina Kusmider**

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: **262.1-029848-1**
Certificate No: **TAF000014X**

Product description

"Marine Carpets Type: 80% Wool 20% Nylon Pile Axminster Woven Carpets
Quality range from 28 oz/sq.yard to 64 oz/sq.yard"

A range of Axminster carpets consisting of a pile of 80% wool and 20% nylon with latex backing of fray resistant latex compound. This range is covering Axminster with tuft length 24/32" to 32/32". Weft type: polypropylene.

The pile weight is varying from 954 g/m² to 2181 g/m²

Total thickness:	9.0 – 12.5 mm
Total weight:	2047 g/m ² to 3337 g/m ²
Approved colour:	Dark Purple
Maximum organic content:	65 %

Application/Limitation

Low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire.

Approved for use on non-combustible and substrate with a greater thickness than 12.5 mm.

Several layers of floor coverings are acceptable provided that each layer is approved according to IMO FTP Code

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 use.

Type Approval documentation

Certification in accordance with Class Programme DNVGL-CP-0338, Type Approval, September 2018.

Test Reports No. 2018CS01645/1, 2018CS01645/2, 2018CS01645/5 all dated 17 April 2018 from RINA, Genova, Italy.

Test Report 26/02408A/06/18 dated 04 June 2018 from BTTG, Leeds, UK.

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.

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.