

TYPE APPROVAL CERTIFICATE

Certificate No:
TAF00000BZ
Revision No:
1

This is to certify:

That the Surface Material of Low Flame Spread

with type designation(s)
Highline 80/20 1100 AB
Highline 80/20 1400 AB

Issued to

EGE Carpets A/S
Herning, Midtjylland, Denmark

is found to comply with

DNV rules for classification – Ships
DNV offshore standards
DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021

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 **2021-12-14**

for **DNV**

This Certificate is valid until **2026-12-13**.

DNV local station: **Denmark CMC**

Approval Engineer: **Tessa Biever**

Helene David-Andersen
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

"Highline 80/20 1100 AB and Highline 80/20 1400 AB",
 Carpets composed of 80% wool and 20% polyamide on a backing material made of 100% polyester.

Product name	Pile yarn weight [g/m ²]	Total carpet weight [kg/m ²]	Pile thickness [mm]	Total thickness [mm]
Highline 80/20 1100 AB	1100	2.8	5.5	10
Highline 80/20 1400 AB	1400	3.1	6.5	11

The carpets are produced at EGE Carpets A/S, Herning, Midtjylland, Denmark.

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 covering on non-combustible substrate with a greater thickness than 12.5 mm.

Highline 80/20 1100 AB:

Approved colour: Approved for all colours
 Max. organic content: 32 %

Highline 80/20 1400 AB:

Approved colour: Approved for all colours
 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, use and maintenance.

Type Approval documentation

Certification in accordance with Class Program DNV-CP-0338, September 2021.

Test report SL/Z-605/FTP5/685a/2021 dated 20 September 2021 from SYCHTA Laboratorium, Police, Poland.
 Test report SL/Z-605/FTP2/684a/2021 dated 22 September 2021 from SYCHTA Laboratorium, Police, Poland.
 Test report SL/Z-605/FTP5/687a/2021 dated 20 September 2021 from SYCHTA Laboratorium, Police, Poland.
 Test report SL/Z-605/FTP2/686a/2021 dated 22 September 2021 from SYCHTA Laboratorium, Police, Poland.

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 "Procedures for Approval of Life-Saving Appliances, Fire Safety Systems, and Products (TP 14612E)", DNV confirms that the product listed in this certificate is 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 Program DNV-CP-0338, Section 4.