

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB000016J
Revision No:
2

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 Surface materials and floor coverings with low flame-spread characteristics: floor coverings

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 the requirements in the following Regulations/Standards:

Regulation **(EU) 2021/1158**,
item No. MED/3.18c. SOLAS 74, Reg. II-2/3, II-2/5, II-2/6 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

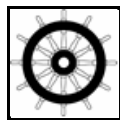
Further details of the equipment and conditions for certification are given overleaf.

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

Issued at **Høvik** on **2021-12-14**

DNV local station:
Denmark CMC

Approval Engineer:
Tessa Bieber



Notified Body
No.: **0575**

for **DNV AS**

Sverre Olav Bergli
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 1/2019 dated February 22nd, 2019.



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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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

"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

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 %

Several layers of floor coverings are acceptable provided that each layer is approved according to the Marine Equipment Directive and bear the MED Mark of Conformity.

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 and to be approved according to the Marine Equipment Directive and bear the MED Mark of Conformity.

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

Type Examination documentation

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 and address of manufacturer, type designation, fire technical rating, the MED Mark of Conformity and USCG approval if applicable (see first page).