



TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MERB00002ZR
Revision No:
0

This Certificate is issued by DNV UK Limited based on authorisation of the Maritime & Coast Guard Agency (MCA) as an UK Approved Body to undertake conformity assessments on marine equipment in accordance with the requirements of the Merchant Shipping (Marine Equipment) Regulations 2016 as amended.

This is to certify:

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

with type designation(s)
Highline 630 AB and Highline 630 WT

Issued to
EGE Carpets A/S
Herning, Denmark

is found to comply with the requirements in the following Regulations/Standards:
Regulation **MSN 1874 Amendment 6,**
item No. UK/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 **2023-09-16.**

Issued at **London** on **2023-01-31**

DNV local unit:
Denmark CMC

Approval Engineer:
Roland Priebe



Approved Body No.: **0097**

for **DNV UK Ltd.**

Christine Mydlak-Röder
MER Service Responsible



**Maritime &
Coastguard
Agency**

UK Approved Body Authorised
by the MCA

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-control phase module (D, E or F) of Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body. The product liability rests with the manufacturer or his representative in accordance with the Merchant Shipping (Marine Equipment) Regulations 2016.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV UK Ltd. of any changes to the approved equipment. 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. This certificate remains valid unless suspended, withdrawn, re-called, or cancelled.

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 630 AB" and "Highline 630 WT" carpets composed as described in the table below.

Components	Composition	Highline 630 AB		Highline 630 WT	
		Weight [g/m ²]	Thickness [mm]	Weight [g/m ²]	Thickness [mm]
Pile	100 % polyamide	630	4.4	630	4.0
Primary backing	100 % polyester	120	-	120	-
Precoat	86 % fillers 14 % latex	727	1.8	777	1.8
Adhesive	75 % fillers 25 % latex	568	-	588	-
Backing/acoustic felt	65 % polyester 35 % polyamide	300	3.0	110	0.5
Total		2345	9.2	2225	6.3

The carpets are to be glued to non-combustible material by means of adhesive.

Gross calorific values:

- Highline 630 AB: 19096.3 KJ/kg or 44.8 MJ/m²,
- Highline 630 WT: 19426.0 KJ/kg or 43.2 MJ/m².

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.

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 Regulation and bear the Mark of Conformity.

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

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

Type Examination documentation

Test report No. 717.4IM0080/03 dated 22 September 2003 from LAPI, Prato, Italy.
 Test report No. 718.4IM0080/03 dated 22 September 2003 from LAPI, Prato, Italy.
 Test report No. 717.4IM0090/03 dated 2 October 2003 from LAPI, Prato, Italy.
 Test report No. 718.4IM0090/03 dated 2 October 2003 from LAPI, Prato, Italy.
 Test report No. 717.4IM0100/03 dated 2 October 2003 from LAPI, Prato, Italy.
 Test report No. 718.4IM0100/03 dated 2 October 2003 from LAPI, Prato, Italy.

Tests carried out

Tested according to IMO FTPC Parts 5 and 2 and in compliance with IMO 2010 FTP Code Ch.8.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating and the Mark of Conformity (see first page).