



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. F-20092

This is to certify that the
Surface Material of Low Flame Spread

with type designation(s)
HIGHLINE

Manufactured by
Egetæpper A/S
HERNING, Denmark

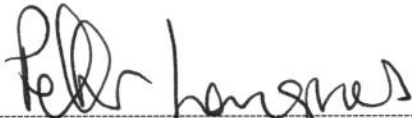
is found to comply with
Det Norske Veritas' Interpretation of SOLAS 1974 Convention as Amended
Det Norske Veritas' Offshore Standards
Det Norske Veritas' Rules for Classification of Ships

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

Approved for use throughout the accommodation.

This certificate is recognized by Transport Canada.

Høvik, 2012-04-17
for **Det Norske Veritas AS**



Petter Langnes
Head of Section



DNV local office:
Aalborg

This Certificate is valid until
2016-06-30



Martin Gjelstad
Surveyor

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.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Certificate No.: F-20092
File No.: 471.21
Job Id.: 262.1-005286-2

Product description

"HIGHLINE"

Carpet consisting of 80 % wool and 20 % polyamide on a textile polypropylene backing material.

Product name	Pile yarn weight	Total carpet weight	Pile thickness	Total thickness
Highline 80/20 – 1100 WT	1100 g/m ²	2800 g/m ²	5.2 mm	8.3 mm
Highline 80/20 – 1400 WT	1400 g/m ²	2700 g/m ²	6.2 mm	8.7 mm

Application/Limitation

Low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire, approved for use throughout the accommodation.

Any adhesive used, other than the one used during testing (Poliplex 325 N), has to be tested for low flame spread characteristics and low emission of smoke and toxic gases. (See also IMO MCS/Circ. 1120).

Approved for use according to IMO MSC/Circ. 1004.

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

Type Approval documentation

Certification in accordance with Standard for Certification 1.2, Type Approval, April 2009.

Test report No. 97DG1053TO dated 20 October 1997 from RINA, Genoa Italy.

Test report No. F 10700 dated 11 March 1999 from DIFT, Danish Institute of Fire Technology, Hvidovre, Denmark.

Test report No. A 240-0-4266-15/240-0-4266-21 dated 5 January 2001 from Dansih Technological Institute (EN 1307:1997).

Test report No. 46306 dated 15 September 2004 from Österreichisches Textil- Forschungsinstitut, Wien, Austria (ISO 2424).

Certificate Retention Survey Report dated 15 March 2012 from DNV Aalborg.

Tests carried out

Tested according to IMO FTP Code Part 2 and 5.

Marking of product

The product or packing is to be marked with name of manufacturer and type designation.

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)", Det Norske Veritas confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements

Certificate Retention Survey

Det Norske Veritas' surveyor is to be given permission to perform Certification Retention Surveys at any time during the validity period of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Standard for Certification No. 1.2, item 4.

