



NIPPON KAIJI KYOKAI

Certificate

Certificate No.
TA171075E(R)

OF

APPROVAL

Item	: Fire retardant surface floorings
Product name	: Highline 80/20 1400
Specification	: See Annex.
Applicant	: Hammer Carpets A/S Industrivej Syd 17, DK-7400, Herning, Denmark
Manufacturer	: See Annex.
Testing standard	: IMO FTP Code Annex 1 / Part 2 and Part 5
Test report	: See Annex.

THIS IS TO CERTIFY that the above type of products has been approved by Nippon Kaiji Kyokai with type approval No. 07FPA74CF, and that the products of the above type will be accepted for use onboard ships classed with the Society as complying with the relevant requirements of the Society's *Rules for the Survey and Construction of Steel Ships* and those of the *International Convention for the Safety of Life at Sea, 1974, as amended*, subject to conditional upon the manufacturer having a quality control system audited by a competent authority to ensure continuous compliance with the type approval conditions.

This certificate is valid until 21 November 2022.

Issued at Tokyo on 26 October 2017.

NIPPON KAIJI KYOKAI



H. Kobayashi

General Manager

Material and Equipment Department

Initial approval date : 22 November 2007

NOTE: The design, construction and way of installation subject to attachments. Any significant changes to the product without our approval will result in this certificate becoming null and void.



1. Manufacturer

ege carpets a/s
 Industrivej Nord 25, DK-7400, Herning, Denmark

2. Test report

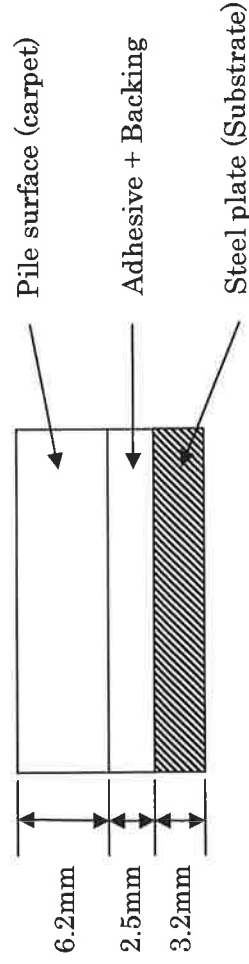
Test laboratory : Research Institute of Marine Engineering (RIME)
 1-5-12 Fujimi-cho, Higashimurayama city, Tokyo, Japan
 Report number : 07-116(E), 07-117(E)
 Date of issue : 15 June 2007

3. Specification

3.1 Color of Specimen: Express colour

3.2 Dimensions: 400cm

3.3 Construction



4. Composition and others

4.1 Surface Layer and Secondary Backing

	Composition	weight(g/m ²)	Density (pr.m ²)	Gauge	Organic Content
Surface Layer (Carpet)	Pile fiber Wool 80% Polyamide 20%	1,400	137,700 (Pile)	1/8	2.7kg/m ³
Secondary Backing	Polypropylene backing	-	-	-	-
Total	-	2,700	-	-	-

4.2 Adhesive

Appearance	White viscous liquid
Main ingredients	SBR Gum
Viscosity	50,000~80,000 m·Pas
Solids content	65.0~75.0%
Density	12.5~13.5g/m ²
Open time	Within 45 minutes/20°C