

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Surface Material of Low Flame Spread**with type designation(s)
Korepox H.B. EH4600

Issued to

KCC(Kunshan) Co., Ltd
Kunshan, China

is found to comply with

DNV GL rules for classification – Ships**DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations****Application :****Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.****This certificate is recognised by Transport Canada.**Issued at **Hamburg** on **2019-12-02**This Certificate is valid until **2024-12-01**.DNV GL local station: **Shanghai**for **DNV GL**Approval Engineer: **John Alan Walton**

Jörg Kallies
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.



Product description

"Korepox H.B. EH4600"

Paint system consisting of a two component polyamide cured epoxy resin based finish coating (max dry film thickness: 180 µm)

Application/Limitation

Approved for use as low flame spread material, not generating excessive quantities of smoke nor toxic products in fire.

Approved for use as paint systems on a metallic substrate with thickness of at least 2.25 mm.

"Korepox H.B. EH4600"

Approved colour (tested colour): dark green.

Max. organic content: 45.99%wt per dry film thickness.

Lighter colour variations and which do not exceed the max organic content of the product as tested are covered by this approval.

The product satisfies the requirement for maximum calorific value (SOLAS Chapter II-2, Reg 5.3.2.2) without further testing.

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

Type Approval documentation

Test report No.A2019-0438 dated 18 June 2019 issued by from "FILK" Fire Insurers Laboratories of Korea.

Korepox H.B. EH4600 Technical data sheet dated December 2011 issued by the KCC Corporation
Certification in accordance with Class Programme DNVGL-CP-0338, October 2017.

Tests carried out

Tested according to IMO 2010 FTP Code, Annex 1 Part 5 and in compliance with Part 2 without further testing (reference Annex 2; Para 2.2).

Marking of product

The product 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 "*Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)*", DNV GL confirms that the products listed in this certificate are in accordance with Transport Canada's requirements.

Periodical assessment

DNV GL'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 Programme DNVGL-CP-0338, Section 4.