DNV·GL

Certificate No:
TAF00000B7

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Surface Material of Low Flame Spread

with type designation(s)
EPOMARINE EX-500

Issued to
COSCO Kansai Paint & Chemicals (Tianjin) Co., Ltd.
Tianjin, China

is found to comply with
DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations
DNV GL rules for classification – Ships
DNV GL offshore standards

Application :

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

This certificate is recognized by Transport Canada.

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2020-12-31**.

Issued at **Høvik** on **2016-06-10**

for **DNV GL**

DNV GL local station: **Tianjin**

Approval Engineer: **Fryderyk Hoga**

Petter Langnes
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.

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Job Id: **262.1-012447-2**
Certificate No: **TAF00000B7**

Product description
"EPOMARINE EX-500 (04755/05751)"
Paint composed of a high-build polyamide cured modified epoxy coating.

Dry film thickness: 174 µm.

Application/Limitation
Approved for use on a metallic substrate with thickness of at least 0.75 mm.

Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.2.

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

Type Approval documentation
Certification in accordance with Class Programme DNVGL-CP-0338, October 2015.

Test report No. FT11212dated 14 September 2011 from Far East Fire Testing Centre (FEFTG), China.

Tests carried out
Tested according to IMO FTPC Part 5 and Annex 2 item 2.2 and in compliance with IMO 2010 FTP Code Ch. 8.

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)",* DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Certificate Retention Survey
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 DNVGL-CP-0338 Section 4.