Certificate No: LR26246261PCOT
Issue Date: 01/08/2026
Expiry Date: 31/07/2031

Protective Coatings for Cargo Oil Tanks of Crude Oil Tankers

Manufacturer	**Jotun COSCO Marine Coatings (Qingdao) Co., Ltd**
Address	South of Chunyang Road and East of Huaguan Road, Qingdao National High-tech, Industrial Development Zone, Qingdao, Shandong, 266109, China
Product	Penguard EXA II
Product Code(s)	N/A
Curing agent	Penguard EXA II Hardener
Application	Cargo oil tanks of crude oil tankers
Notes	1. Surface preparation and coating application should be carried out in accordance with the manufacturer's PTDS. 2. Product approved for use with the compatible shop primers listed on page 2, or on clean blasted bare steel.

This is to certify that the protective coating system manufactured at the plant above is in compliance with IMO Resolution MSC.288(87) Performance Standard For Protective Coatings For Cargo Oil Tanks Of Crude Oil Tankers adopted on 14 May 2010.

This approval is granted in accordance with the PSPC, IACS Regulations and Lloyd's Register Rules. The surface preparation and application requirements specified in the product technical data sheet (PTDS) have been reviewed and comply with the PSPC. This Approval does not cover properties other than corrosion prevention, such as service life, safety or toxicity etc.

The approval is subject to Lloyd's Register being informed of any changes in the product's formulation, specification or status of manufacturing quality control accreditation. Periodic auditing of the manufacturer's quality control and assurance systems will confirm compliance. Lloyd's Register reserves the right to withdraw or re-issue this certificate.

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Heather Hughes

Non-Metallics & Coatings Team Leader to
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71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Compatible Shop Primers:

Primer	Product Code(s)	Manufacturer
Muki Z 2001	N/A	Jotun A/S
Muki Z 2008	N/A	Jotun A/S
TH-2 Zinc Silicate Shop Primer	N/A	Yejian New Material Co., Ltd.
E06-2 Inorganic Zinc Silicate Shop Primer	N/A	Jiangxi Zhibang Engineering Technology Co., Ltd.
SD Zinc Primer 1000 HA(S)	N/A	COSCO Kansai Paint & Chemicals (Tianjin) Co., Ltd.
Cerabond 2000	M2-10000A	Chugoku Marine Paints Ltd.
725-E47 Inorganic Zinc Silicate Shop Primer	N/A	Xiamen Sunrui Ship Coating Co., Ltd.
F-6001	N/A	Jiangxi Jingcheng Zhibang Paint Co.,Ltd
CD-SG906	N/A	Ningbo Haidun Coating Co., Ltd.

End of list

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