Certificate No: LR25324047IC
Issue Date: 23/10/2025
Expiry Date: 22/10/2030

# Recognised abrasion resistant ice coating

The coating system below is recognised as an abrasion resistant ice coating for ships operating in polar regions, the classification of which is noted below.

The coating system is considered as meeting the requirements of 'effective protection' and 'special surface coating', as defined in applicable LR Rules and Regulations and / or Finnish-Swedish Ice Class Rules / Trafi Regulations, for vessels with applicable Polar Class or Ice Class notations.

The use and applicability of such coating systems, as designated by this certificate, may be considered when applying the relevant Rules criteria, for construction and service conditions.

## Manufacturer Chugoku Marine Paints (Shanghai), Ltd.

| | |
|---|---|
| **Address** | 4677, Jiasong Road (North), Jiading, Shanghai, China |
| **Product** | **Permax No.3000 S** |
| **Ice Classification** | PC6 to PC7 & 1A Super to 1A |
| **Product Colours** | Grey / Red Brown / Black |
| **Film Thickness** | Minimum 500µm |
| **Surface Cleanliness** | Sa 2.5 (ISO 8501-1) |
| **Surface Profile** | According to manufacturer's instructions. |

The recognition is subject to Lloyd's Register being informed of any changes in and modifications to the product's formulation or specification and the product being used in accordance with the manufacturer's technical datasheets, training and advice, and with the relevant requirements of Lloyd's Register's Rules and Regulations.

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**Igor Prudenti**

Specialist Non-Metallics & Coatings to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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