Certificate No: LR2004672IC
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# Recognised abrasion resistant ice coating

The coating system below is recognised as an abrasion resistant ice coating for Polar Class ships designated PC6 to PC7 and for ice belts of FS Ice Class vessels to 1A Super.

Where the coating system is applied to hull areas of Polar Class ships and is maintained in good condition during service, the corrosion/abrasion addition for steel plating in way of the relevant hull areas may be reduced in accordance with Lloyd's Register's Rules and Regulations for the Classification of Ships Part 8, Chapter 2, Section 10, Table 2.10.7 for  Class only.

Where the coating system is applied in way of the ice belt of FS Ice Class ships to 1A Super intending to navigate in first-year ice conditions and is maintained in good condition during service, the thickness of steel plating in way of the ice belt may be reduced by up to 1 mm in accordance with relevant Rules and Regulations.

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| **Manufacturer** | **Hempel (USA) Inc.** |
| **Address** | 600 Conroe Park North Dr, Conroe, Texas 77303, United States |
| **Product** | **Hempadur Multi-Strength GF 3587A** |
| **Product Colours** | 11480 - Grey ; 19990 - Black ; 50630 - Red (Other colours may be available) |
| **Film Thickness** | 350 - 500µm |
| **Surface Cleanliness** | Minimum SA2½ (ISO 8501-1:1988) |
| **Surface Profile** | 50 - 100 µm |

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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