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# Recognised abrasion resistant ice coating

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| **Manufacturer** | **PPG Protective & Marine Coatings EMEA** |
| **Address** | Oddzial w Lewkowku, Lewkowiec 68, 63-400 Ostrow, Poland |
| **Product** | **SIGMASHIELD 460** |
| **Product Colours** | Black (Other colours may be available) |
| **Film Thickness** | Minimum 400µm |
| **Surface Cleanliness** | Minimum ISO 8501-1 SA2½ |
| **Surface Profile** | 50 - 100 µm |
| | Note: Curing agent for this material manufactured at PPG's site in Deurne, Belgium and is covered by this Recognition |

The product above is recognised as an abrasion resistant ice coating for ships intending to navigate in ice conditions.

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

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 instruction and with the relevant requirements of Lloyd's Register's Rules and Regulations.

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