

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

|                           |  |        |       |      |       |      |       |        |        |
|---------------------------|--|--------|-------|------|-------|------|-------|--------|--------|
| <b>Manufacturer</b>       | <b>Solar Solve Marine</b>  |        |       |      |       |      |       |        |        |
| <b>Address</b>            | 7 Waldrige Way, Simonside East Industrial Park, South Shields, NE34 9PZ, United Kingdom  |        |       |      |       |      |       |        |        |
| <b>Type</b>               | Marine Window Accessories  |        |       |      |       |      |       |        |        |
| <b>Description</b>        | Marine Solar Screens (Sun restricting window blinds)   |        |       |      |       |      |       |        |        |
| <b>Trade Name</b>         | SOLASAFE® SOLAROLA®  |        |       |      |       |      |       |        |        |
| <b>Application</b>        | Solar blinds for marine vessels  |        |       |      |       |      |       |        |        |
| <b>Specified Standard</b> | Solar Solve Marine specifications  |        |       |      |       |      |       |        |        |
| <b>Ratings</b>            | <b>Average Visible Light Transmission:</b><br><table><tr><td>Silver</td><td>7.11%</td></tr><tr><td>Grey</td><td>7.95%</td></tr><tr><td>Gold</td><td>6.22%</td></tr><tr><td>Bronze</td><td>13.18%</td></tr></table> | Silver | 7.11% | Grey | 7.95% | Gold | 6.22% | Bronze | 13.18% |
| Silver                    | 7.11%  |        |       |      |       |      |       |        |        |
| Grey                      | 7.95%  |        |       |      |       |      |       |        |        |
| Gold                      | 6.22%  |        |       |      |       |      |       |        |        |
| Bronze                    | 13.18%   |        |       |      |       |      |       |        |        |

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## Type Approval Certificate

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Only valid for official SOLASOLV® products which have been manufactured in the UK

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## LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

**Issue by:** UK&I Technical Support Office  
**Issued to:** Solar Solve Marine  
**For:** Solasafe® Solarola® Solar Blinds

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 04 (September 2020) and this Design Appraisal Document forms part of the Certificate.

### **APPROVAL DOCUMENTATION**

Type Approval Application Checklist.docx  
PQA report PRJ11100317476.pdf

14/04/2021  
20/05/2021

### **TEST REPORTS**

Supplier CofC batch test results.pdf

18/05/2021



**Linda Starink, Lloyd's Register**  
Senior Specialist Non-Metallics, UK&I Technical Support Office

### **Supplementary Type Approval Terms and Conditions**

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.