



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAF00000CU
Revision No:
2

This is to certify:

that the **Vertically Supported Textile and Film**

with type designation(s)
ROLASOLV® Sun Protection systems

issued to

Solar Solve Marine
South Shields, Tyne and Wear, United Kingdom

is found to comply with

DNV statutory interpretations DNV-SI-0364 – SOLAS interpretations, Edition July 2021
DNV rules for classification – Ships
DNV offshore standards

Application:

Approved for use as draperies, curtains and other supported textile materials with restricted fire risk.

This certificate is recognized by Transport Canada.

Product approved by this certificate is accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2025-09-25**

This Certificate is valid until **2030-09-24**

DNV local unit: **Newcastle-upon-Tyne**

Approval Engineer: **Tessa Bieber**

for **DNV**



Digitally Signed By:
Jowita Permoda

Location: **DNV Høvik, Norway**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

'ROLASOLV® Sun Protection systems'

Dimout / blackout roller screens. The certificate is covering the following series:

1. ROLASOLV PVC Black out fabric, composed of plasticized fibreglass (23% fibreglass, 69% PVC and 8% adhesive).

Mass per unit area: 340 g/m²

Thickness: 0.31 mm

2. ROLASOLV Banlight fabric, composed of 100% polyester.

Mass per unit area: 330 g/m²

Thickness: 0.45 mm

3. ROLASOLV Lyverscreen, composed of plasticized fibre glass (36% fibreglass, 64% PVC).

Mass per unit area: 340 g/m²

Thickness: 0.343 mm

Application/Limitation

Approved for use as draperies, curtains and other supported textile materials with restricted fire risk.

Each product is to be supplied with its manual for installation, use and maintenance

Type Approval documentation

Certification in accordance with Class Programme DNV-CP-0338, September 2021.

Test report No. 23/62353G/08/24 dated 3 September 2024 from BTTG, Leeds, UK.

Test report No. 23/62353E/08/24 dated 3 September 2024 from BTTG, Leeds, UK.

Test report No. 23/62353F/08/24 dated 3 September 2024 from BTTG, Leeds, UK.

Tests carried out

Tested according to IMO 2010 FTP Code part 7.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation and fire-technical rating.

Transport Canada Approval

Based on the procedures laid down in the Transport Canada Publication entitled "Procedures for Approval of Life-Saving Appliances, Fire Safety Systems, Equipment and Products (TP14612)", DNV confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

Periodical assessment

DNV's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNV-CP-0338, Section 4.

Manufactured by:

Solar Solve Marine, South Shields, Tyne and Wear, United Kingdom.