TYPE EXAMINATION CERTIFICATE – EC MODULE B

Certificate no.:
MEDB00009DA

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as “Forskrift om Skipsutstyr” by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the Draperies, curtains and other suspended textile materials and films

with type designation(s)
ROLASOLV

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

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2024/1975,**
item No. MED/3.19. SOLAS 74 as amended, Regulation II-2/3, II-2/9 & X/3, 2000 HSC Code 7 and IMO 2010 FTP Code,IMO MSC.1/Circ.1456

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2030-03-13**.

Issued at **Høvik** on **2025-03-14**

DNV local unit:
UK & Ireland CMC & VMC

Approval Engineer:
Marta Kropiwnicka

Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2023 dated August 21st, 2023.

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer’s Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

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

Products as given in the table below:

Fabric name	Weight [g/m^2]	Thickness [mm]	Composition	Product/s covered
ROLASOLV Blackout Fabric	340	0.31	23% fibreglass, 69% PVC, 8% adhesive	CASSLITE, DIMMLITE, LITETITE, STOPLITE, ZIPTRAK
ROLASOLV Lyverscreen Fabric	340	0.43	36% fibreglass, 64% PVC	
ROLASOLV Ban Light Fabric	330	0.45	100% polyester	

For further details, see reports listed under Type Examination documentation below.

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/application and maintenance.

Type Examination documentation

Test report no. BTTG 23/62353E/08/24 dated 3 September 2024 from BTTG, West Park Ring Road, UK.
Test report no. BTTG 23/62353F/08/24 dated 3 September 2024 from BTTG, West Park Ring Road, UK.
Test report no. BTTG 23/62353G/08/24 dated 3 September 2024 from BTTG, West Park Ring Road, UK.

Tests carried out

Tested according to IMO 2010 FTP Code part 7.

Marking of product

The product is to be marked with name and address of manufacturer, type designation, the MED Mark of Conformity and USCG Approval Number if applicable (see first page).