

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate No:
MEDB0000597
Revision No:
1

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Retro-reflective materials

with type designation(s)
Solasflex

Issued to
T-ISS B.V.
Dinxperlo, Gelderland, Netherlands

is found to comply with the requirements in the following Regulations/Standards:
Regulation (EU) 2023/1667,
item No. MED/1.30. SOLAS 74, Regulation III/4, III/34 & X/3, LSA Code and 2000 HSC Code 8, IMO
MSC.1/Circ.1628.

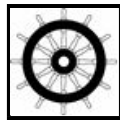
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2028-11-14**.

Issued at **Hamburg** on **2023-11-15**

DNV local unit:
Netherlands CMC

Approval Engineer:
Roland Priebe



Notified Body
No.: **0098**

for **DNV GL SE**

Christine Mydlak-Roeder
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) 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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.

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 GL SE 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 300,000 USD.



Product description

“Solasflex”

is a retro-reflective material on a self-adhesive foil for application on smooth surfaces.

For further details please see under Type Examination documentation.

Application/Limitation

The material shall be fitted on lifesaving appliances in accordance with the LSA Code and IMO Res. MSC.481 (102).

Type Examination documentation

Test report no. 535 4203/2 dated 2009-11-16 from "TÜV Rheinland", 12681 Berlin, Germany, and test report no. 8-11-09 dated 2009-11-04 from the "Institut für Lackprüfung Andreas Kleiner GmbH", 35435 Wettenberg, Germany.

Tests carried out

Tested according to IMO Res. MSC.481 (102).

Marking of product

The product or packing is to be marked with name and address of manufacturer type designation, date of manufacture and the MED Mark of Conformity (see first page).

The marking shall be according to LSA Code, item 1.2.2.9.