

EC-Type Examination Certificate (Module B)



This is to certify that:

TÜV NORD Systems GmbH & Co.KG, notified by the Federal Maritime and Hydrographic Agency of Germany (BSH), did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the essential Fire Protection Equipment requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the details of appraisal attached hereto.

Recognized acc. to 2014/90/EU by the BSH
BSH-Reference No.: 0800511/4822/005



Certificate No.: M22010

Manufacturer: Novatech International N.V.
2250 Olen, Belgium

Product Name: TEC7

Trade Name: A-TEC

Product Description: Surface materials and floor coverings with low flame-spread characteristics, adhesives used in the construction of 'A', 'B' & 'C' class divisions,

Regulation Item: MED/ 3.18e

Specified Standards: SOLAS 74 as amended, Regulations II-2/3, II-2/5, II-2/9, X/3, IMO Res. MSC.36(63)-(1994 HSC Code) 7 - as amended, IMO Res. MSC.97(73)-(2000 HSC Code) 7 - as amended, IMO Res. MSC.307 (88)-(2010 FTP Code) - as amended, IMO MSC/ Circ. 1120

Related Directive: 2014/90/EU – in conjunction with (EU) 2022/1157


The attached annex (details of appraisal) is part of this certificate.

Date of Issue: 2022-09-30

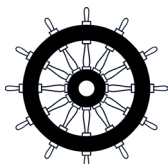
Expiry Date: 2024-03-22

Tobias Nelke

Head of certification body SEECERT
(Notified Body No.: 0045)

The mark of conformity (wheelmark ) may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of the Directive is fully complied with.

This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached annex (details of appraisal) are complied with. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with the notified body SEECERT. During the period of validity of this certificate the applicable regulations (international conventions, the relevant resolutions and circulars of the IMO) and testing standards of the Commission Implementing Regulation may change, therefore the product conformity may need to be re-assessed by the notified body SEECERT.



XXXX/(YY)YY

The marking of approved marine equipment must take place under Article 9, Article 10 and if applicable Article 11 in conjunction with Annex I of the Marine Equipment Directive 2014/90/EU. In addition to the marking, the identification number of the notified body performing the conformity assessment procedure and the year in which the conformity mark was affixed shall be indicated.

XXXX Number of the Notified Body responsible for quality surveillance module.
(YY)YY The year (last two or four digits) in which the mark is affixed.

DETAILS OF APPRAISAL

Appraisal documentation:

Test report(s) Nos.:

- PFB10476A dated 2021-06-10, issued by Danish Institute of Fire and Security Technology (DBI), Copenhagen, Denmark.

(TNS Ref.no.: 8120523699)

Tests carried out:

Tested in accordance with IMO 2010 FTP-Code Annex 1 Parts 5 and 2 and Annex 2.

Technical principles:

The product is a type of one component sealant and adhesive based on MS-hybrid polymer.

The product is approved for the application as adhesive/sealant with low flame-spread characteristics, not generating excessive quantities of smoke or toxic products in fire, and on non-combustible material with a density of at least $950 \pm 100 \text{ kg/m}^3$.

Applied quantity of adhesive/sealant:

- 150 g/m^2 (wet)

If the requirement of the maximum gross calorific value acc. to SOLAS Chapter II-2 Reg. 5.3.2 is applicable, this value has to be documented separately.

Installation:

Assembly procedure on board as per manufacturer's instruction, which has to be supplied together with the product.

Marking:

Each product shall be permanently marked in accordance with Article 10 of the Council Directive 2014/90/EC of 23rd of July 2014 on marine equipment, e.g. certificate (approval) number, fire rating, etc.

Remarks:

None

Limitations / Acceptance on use of the product:

See under "Technical principles"