

**EC-TYPE EXAMINATION
CERTIFICATE (MODULE B)**

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment (MED) as amended by directive (EU) 2015/559. This Certificate is issued by DNV GL SE based on the notification of the German Federal Ministry of Transport, Building and Urban Development.

This is to certify:

**That the Surface materials and floor coverings with low flame-spread characteristics:
Adhesives**

with type designation(s)
Tec7 Deck Bonding, Tec7 Deck Caulking, Flex7, Tec7

Issued to
Novatech International N.V.
Olen, Belgium

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18e and Annex B, Module B in the Directive; SOLAS 74, Reg. II-2/3, II-2/5, II-2/6, II-2/9 & X/3, IMO MSC/Circ. 1120, 2000 HSC Code 7 and IMO 2010 FTP Code

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

This Certificate is valid until **2017-02-22**.

Issued at **Hamburg** on **2016-08-03**

DNV GL local station:
Augsburg

Approval Engineer:
Pavel Golyshev



Notified Body
No.: **0098**



for **DNV GL SE**

Digitally Signed By: Mydlak-Röder, Christine
Location: DNV GL Hamburg, Germany
Signing Date: 2016-08-24, on behalf of

Sven Dudszus
Head of Notified Body

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 Council Directive 96/98/EC, as amended.

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.

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.

Job Id: **344.1-005880-1**
Certificate No: **MEDB00001HR**

Product description

"Tec7 Deck Bonding, Tec7 Deck Caulking, Flex7, Tec7" one component sealant and adhesive based on MS-hybrid polymer.
Applied amount of sealant/adhesive: 200g/m².

Application/Limitation

Approved for use as sealant/adhesive with low flame spread characteristics, not generating excessive quantities of smoke nor toxic products in fire.
Approved for use on non-combustible substrate with density of at least 510 kg/m³ (IMO MSC/Circ.1004). Maximum gross calorific value shall be documented separately where applicable, ref. SOLAS Chapter II-2 Reg. 5.3.2.
Each product is to be supplied with its manual for installation and use.

Type Examination documentation

Test reports: Nos. PF12835a dated 3rd of March 2008, PF12835b dated 4th of April 2008, Pf12868a dated 6th of May 2008, PF12868e dated 29th of May 2008, PF12868b dated 2008, PF12868f dated 29th of May 2008, PF12868d dated 28th of April 2008, PF12868h dated 30th of May 2008 all from Danish Institute of Fire and Security Technology (DIFT), Copenhagen, Denmark.

Tests carried out

Tested according to IMO FTPC Parts 2 and 5 and Annex 2 item 2.2.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation and MED Mark of Conformity (see page 1).