



DET NORSKE VERITAS

EC TYPE EXAMINATION CERTIFICATE

Application of: Council Directive 96/98/EC of 20 December 1996 on Marine Equipment as amended by directive 2012/32/EU, issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Directorate. This Certificate is issued by Det Norske Veritas under the authority of the Government of the Kingdom of Norway.

CERTIFICATE NO. **MED-B-8763**

This is to certify that the
Surface materials and floor coverings with low flame-spread characteristics: Adhesives

with type designation(s)
Coltech A150

Issued to
COLTECH LTD.
Viotia, Greece

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 FTP Code

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

Høvik, 2014-01-22
for Det Norske Veritas AS



This Certificate is valid until
2018-05-15

Notified Body No.: **0575**


Marianne Strand Valderhaug
Head of Department

DNV local office:
Piraeus


Rolf Emilsen
Surveyor



The Certificate is subject to terms and conditions overleaf. Any significant changes in design or construction of the product, or amendments to the Directive or Standards referenced above may render this Certificate invalid. The product liability rests with the manufacturer or his representative in accordance with Council Directive 96/98/EC, as amended. The Mark of Conformity may only be affixed to the product and a Declaration of Conformity may only be issued when the production/product assessment module referred to in the council directive, is fully complied with.



Certificate No.: MED-B-8763
Item No.: A1/3.18e
Job Id.: 344.1-004221-2

Product description

"Coltech A150"

is a polyurethane two component adhesive. The measured dry mass of the adhesive: 1000 g/m².

Application rate max. 120 g/m².

The maximum gross calorific value: 14.0 MJ/kg of dry mass.

Application/Limitation

Approved for use as 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 576 kg/m³.

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

Type examination documentation

Test report: No.RTE1608/00 dated 15 May 2000 from VTT Building Technology Fire Technology, Finland.

Test report: No.RTE1697/00 and No.RTE2670/00 both dated 31 August 2000 from VTT Building Technology Fire Technology, Finland.

Tests carried out

Tested according to IMO FTPC Part 2 and 5 and ISO 1716:1973 (calorific value) and in compliance with IMO 2010 FTP Code Ch. 8.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation, fire-technical rating, Mark of Conformity and USCG approval number if applicable (see below).

Mark of Conformity

The manufacturer is allowed to affix the Mark of Conformity according to Article 11 in the Council Directive 96/98/EC on Marine Equipment and shall issue a Declaration of Conformity, only when the module D or E or F of Annex B in the same directive is fully complied with.

Module D: The quality system for production and testing shall be approved by the Notified Body.

Module E: The quality system for inspection and testing shall be approved by the Notified Body.

Module F: Compliance of the products to type as described in this EC Type-Examination Certificate must be verified by the Notified Body who also shall issue a Certificate of Conformity.

USCG Approval

An 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.

