



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 2009/26/EC, 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-7010**

This is to certify that the
Bedding components

with type designation(s)
Marine Mattress DVL002/2011

Manufacturer
DUNLOPILLO VIETNAM LIMITED
Binh Duong Province, Viet Nam

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.21 and Annex B, Module B in the Directive. SOLAS 74 as amended, Regulation II-2/3, II-2/9 & X/3, 2000 HSC Code 7 and IMO FTP Code

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

Høvik, 2011-08-11
for **Det Norske Veritas AS**



This Certificate is valid until
2016-08-11

Eivind Mykland
Head of Department

Notified Body No.: **0575**

DNV local office:
Vung Tau

Marius Mørner
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-7010
Item No.: A.1/3.21
Job Id.: 344.1-003170-1

Product description

"Marine Mattress DVL002/2011"

Mattress composed of 140 mm Bonnel spring unit covered both on top and bottom with 6 mm felt (density 1,000 g/m³), 15 mm polyurethane (PU) sheet D22 (density 22 kg/m³) and a 10 mm quilt panel PU D20 (density 20 kg/m³). The sides are covered with a 10 mm quilt D12 (density 12 kg/m³). The sides are sewn together with 38 mm wide tape (type polyester).

Total mattress thickness: 20 cm.

For further details of the mattress see Type Examination documentation below.

Application/Limitation

Approved for use throughout the accommodation as not readily ignitable bedding component.

Any thin light mattress or removable cover used in conjunction with the approved product is to be approved according to the Marine Equipment Directive.

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

Type Examination documentation

Test Report 2702273A/05/11 dated 8th June 2011 from BTTG Fire Technology Services, Leeds, England.

Drawing No. MM-3DD1 Rev.01 - "Marine Mattress DVL002/2011" (3D drawing) dated 1 December 2007.


Drawing No. MM-ASSYWES1 Rev.0 - "Marine Mattress DVL002/2011" (Work element sheet) dated 25 December 2010.

Tested according to IMO FTP Code Part 9 (IMO Res. A.688(17)).

Marking of product

The product or packing is to be marked with name of manufacturer, type designation and the MED Mark of Conformity and USCG approval number (if applicable).

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.

