



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 2002/75/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-4926

This Certificate consists of 3 pages

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

with type designation(s)
NUR SPIRIT U Series

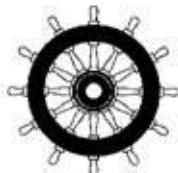
Manufacturer
Metalcolour A/S
NYKØBING F., Denmark

is found to comply with the requirements in the following Regulations/Standards:
Annex A.1, item No. A.1/3.18a and Annex B, Module B in the Directive. SOLAS 74 as amended, Reg. II-2/3.29, II-2/3.40.5, II-2/5.3.2.4, II-2/6.2, II-2/9.7.1.1.1, II-2/9.7.4.4.3.1 & X/3, 2000 HSC Code 7.4.3.4, 7.4.3.5, 7.4.3.6 and IMO FTP Code

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

Place and date
Høvik, 2008-10-28
for DET NORSKE VERITAS AS

This Certificate is valid until
2013-10-28



Notified Body No. 0575

Øyvind Hoff
Øyvind Hoff
Surveyor

Kristen Ulveseter
Kristen Ulveseter
Manager, MTPNO370
Department Systems & Components

DNV local office:
DNV Copenhagen



Notice: 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.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: MED-B-4926
Job Id.: 344.1-001567-1
Item No.: A1/3.18a

Product description

“NUR SPIRIT U Series”

- 1) Print onto Gislaved 1320 foil:
consisting of print/ink onto Gislavad 1320 foil glued to steel plate. Total layer thickness 170µm
Weight approx. 4.7 kg/m². For further information see Technical documentation listed under
Type Examination documentation below.
- 2) Print onto lacquer MC 139:
consisting of print onto lacquer MC 139, applied on one side. Total layer thickness 40µm
Weight approx 4.3 kg/m². For further information see Technical documentation listed under
Type Examination documentation below.

Applications/Limitations

Low flame spread surface material, not generating excessive quantities of smoke nor toxic products in fire. Approved for use throughout the accommodation.

Approved for use on metallic surface with thickness of at least 0.45 mm (for Gislaved 1320 foil) and at least 0.37 mm (for lacquer MC 139) (IMO MSC/Circ.1004).

Any adhesive used, other than the one used during testing, has to be tested for low flame spread characteristics and low emission of smoke and toxicity gases according to IMO FTPC Part 2 and 5.

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 No.PF 12895a and PF12895b dated 28 of July 2008 and PF12895c dated 15 September 2008 from
Danish Institute of Fire and Security Technology, Denmark.
Technical documentation dated 19 September 2008 from Metalcolour A/S.

Tested according to IMO FTPC Parts 5 and 2 for product type 1) above.

Tested according to IMO FTPC Part 5 and Annex 2 Item 2.2. for product type 2) above.






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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 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 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.

END OF CERTIFICATE

