



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-5294**

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

with type designation(s)
METALCOLOUR FIRESAFE LAMINATE

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 equipment and conditions for certification are given overleaf.

Høvik, 2009-06-24
for Det Norske Veritas AS



Notified Body No.: 0575

This certificate is valid until
2014-06-24

for Eivind Mykland
Eivind Mykland
Head of Department

Rolf Emilsen
Rolf Emilsen
Surveyor

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.



Certificate No.: MED-B-5294
Item No.: A1/3.18a
Job Id.: 344.1-000420-2

Product description

"Metalcolour Firesafe Laminate"
consisting of max 0.150 mm PVC film bonded to a hot dip galvanised steel sheet of thickness 0.4 mm - 1,25 mm with adhesive of 8 microns thickness.

Applications/Limitations

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

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 Parts 2 and 5.

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

Type Approval documentation

Test report No. 104571, dated 22 September 1998 from Warrington Fire Research Centre Ltd., Warrington, England.

Tested according to IMO FTPC part 5 (IMO Res. A. 653(16)) and IMO FTPC Annex 2 item 2.2.

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 also shall issue a of Certificate 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.

