



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-4736**

This Certificate consists of 3 pages

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

with type designation(s)  
**MARICOAT 2000 F**

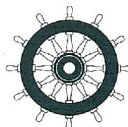
Manufacturer  
**Maris Polymers**  
VIOTIA, Greece

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, 2008-05-15  
for DET NORSKE VERITAS AS

  
Kristen Ulveseter  
Manager, MTPNO370  
Department Systems & Components



Notified Body No. 0575

This Certificate is valid until  
2013-05-15

  
Amir Dzaferi  
Surveyor

DNV local office:  
DNV Piraeus



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-4736  
Job Id.: 344.1-001373-1  
Item No.: A1/3.18a

### Product description

MARICOAT 2000 F is a polyurethane two component coating. The measured dry mass of the coating: 1000 g/m<sup>2</sup>.

Application rate max. 120 g/m<sup>2</sup>.

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

### Application/Limitation

Low flame spread surface material, 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/m<sup>3</sup> (IMO MSC/Circ.1004).

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

### Type examination documentation

Test report: No.RTE2678/00 dated 4 September 2000 from VTT Building Technology Fire Technology, Finland.

Test report: No.RTE2671/00 and No.RTE2669/00 both dated 31 August 2000 from VTT Building Technology Fire Technology, Finland.

Tested according to IMO FTPC Part 2 and Part 5 and ISO 1716:1973 (calorific value).

### Marking of product


The product or packing is to be marked with name of manufacturer and type designation and Mark of Conformity (see page 3).





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### 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 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.

END OF CERTIFICATE

