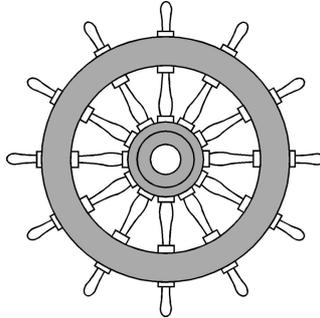


# EC TYPE-EXAMINATION CERTIFICATE

according to Marine Equipment Directive (Module B)



NOTIFIED BODY 0809

This is to certify that the examined products with type designations

**Temadur 20**

**Temadur 50**

meet

the requirements imposed in IMO FTPC, Part 2, Part 5 and Annex 2  
(IMO Resolution MSC.61(67) Annex 1 Part 2 and 5 and Annex 2) on  
**materials with low flame-spread characteristics and not  
producing excessive quantities of smoke and toxic products  
or not giving rise to toxic hazards at elevated temperatures**

and the provisions of Marine Equipment Directive (96/98/EC, amendments  
98/85/EC, 2001/53/EC and 2002/75/EC, 2002/84/EC and 2008/67/EC) that apply to  
**surface materials with low flame-spread characteristics.**

This product has been assigned a U.S. Coast Guard Module B number (**164.112 / EC0809**) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27th, 2004.

Manufacturer of the product is

**Tikkurila Oy.**

The Certificate is valid until 24 April 2014 unless cancelled or revoked, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo 24 April 2009



Liisa Rautiainen  
Assessment Manager



Jarmo Ruohomäki  
Senior Research Scientist

Manufacturer	Tikkurila Oy Kuninkaalantie 1 FI-01301 Vantaa Finland
Equipment	Annex A.1 Item No A.1/3.18, surface materials with low flame-spread characteristics - paint systems.
Products	Temadur 20 and Temadur 50
Product descriptions	Temadur 20: two component, semi-matt polyurethane paint containing anti-corrosive pigments, hardener aliphatic isocyanate.  Temadur 50: two component, semi-gloss polyurethane paint, hardener aliphatic isocyanate.
Approved application	On non-combustible substrates with a density of 5800 kg/m <sup>3</sup> or higher and a thickness of 3 mm or greater, and on any metallic substrate with a thickness of 2,25 mm or higher. Dry film thickness of the paint max. 45 µm.
Technical document	Temadur 20 Product Data Sheet of Tikkurila Oy 10 March 2009. Temadur 50 Product Data Sheet of Tikkurila Oy 31 March 2006
Test report	Test Report RTE3388/04, 19 October 2004, VTT Finland.
Test method	IMO FTPC Part 5 (IMO Resolution MSC.61(67) Annex 1 Part 5) - Test for surface flammability (test procedure IMO Resolution A.653(16)).
Notes	<p>This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.</p> <p>Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.</p> <p>The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E or F) of Annex B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.</p> <p>The directive amendment 2008/67/EC entered into force on 21 July 2008.</p> <p>The provisions of the amended Marine Equipment Directive 2008/67/EC will apply latest from 21 July 2009 depending on the adoption made by each Member State.</p>

End of certificate

