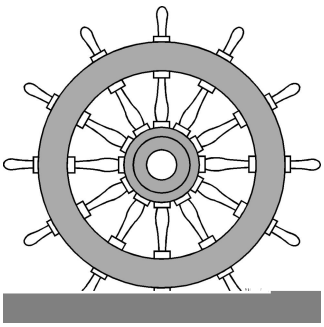
EC TYPE-EXAMINATION CERTIFICATE

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**.

VTT TECHNICAL RESEARCH CENTRE OF FINLAND (visiting address: Kemistintie 3, Espoo) Tel: +358 20 722 111
Notified Body 0809 P.O.Box 1000, FI-02044 VTT, FINLAND Fax: +358 20 722 7003

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 isosyanate. Temadur 50: two component, semi-gloss polyurethane paint, hardener aliphatic isosyanate.
Approved application	On non-combustible substrates with a density of 5800 kg/m^3 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	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. 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. 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. The directive amendment 2008/67/EC entered into force on 21 July 2008. 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.
End of certificate	

