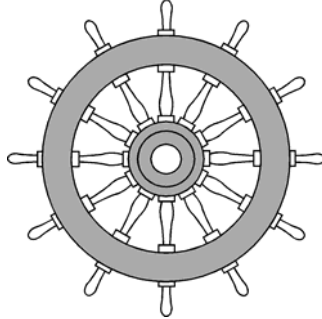


EC TYPE-EXAMINATION CERTIFICATE

according to Marine Equipment Directive (Module B)



NOTIFIED BODY 0809

This is to certify that VTT Expert Services Ltd did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU and Commission implementing regulation (EU) 2017/306, subject to any conditions in the schedule attached hereto.

Acoustics

meet the requirements imposed in IMO 2010 FTP Code, Annex 1 Part 2 and Part 5 (IMO Resolution MSC.307(88) Annex 1 Part 2 and Part 5) 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 2014/90/EU, that apply to

surface materials with low flame-spread characteristics.

These products have 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 Oyj

The Certificate is valid until October 10, 2022 unless suspended, expired or withdrawn, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo October 11, 2017

This document is electronically approved

Tiina Ala-Outinen
Business Manager



Heli Välimäki
Senior Expert

Manufacturer	Tikkurila Oyj Kuninkaalantie 1 FI-01301 Vantaa Finland
Regulation Item	Item MED 1/3.18(b), surface materials with low flame-spread characteristics.
Product	Acoustics, colour white.
Product description	One component water-borne acrylate copolymer based noise damping coating.
Approved application	On any metallic substrate with a thickness of 0.56 mm or with greater thickness if the density is more than 400 kg/m ³ . Dry film thickness of the paint max. 468 µm. On any non-combustible substrate with dry film thickness of the paint max. 511 µm.
Technical document	Product Data Sheet of Tikkurila Oyj, March 24, 2015.
Test reports	Test Report VTT-S-05280-17, September 28, 2017, VTT Expert Services Ltd. Test Report VTT-S-05281-17, September 28, 2017, VTT Expert Services Ltd.
Test methods and standard	IMO 2010 FTPC Annex 1 Part 2 and Part 5 (IMO Resolution MSC.307(88) Annex 1 Part 2 and Part 5).
Notes	This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of 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 period of validity of this certificate, the product is to be reapproved prior to it being placed on the market and 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.

END OF CERTIFICATE

