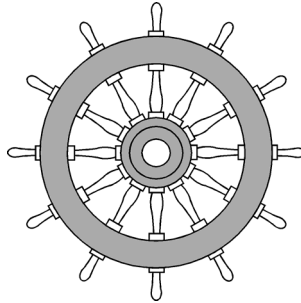


EC TYPE-EXAMINATION CERTIFICATE

according to Marine Equipment Directive (Module B)



NOTIFIED BODY 0809

This is to certify that Eurofins 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) 2019/1397 subject to any conditions in the schedule attached hereto.

Harmony

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 18th, 2019.

Manufacturer of the product is

Tikkurila Oyj

The Certificate is valid until January 2, 2025 unless suspended, expired or withdrawn, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo January 3, 2020

This document is electronically approved

Tiina Ala-Outinen
Business Development Manager

Heli Välimäki
Senior Expert

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|----------------------|--|
| Manufacturer | Tikkurila Oyj Heidehofintie 2 FI-01301 Vantaa Finland. |
| Regulation Item | MED /3.18 b, surface materials with low flame-spread characteristics, paint systems. |
| Product | Harmony, waterborne acrylic interior paint, all colours. |
| Approved application | Waterborne acrylic interior paint on any metallic substrate with a thickness of 0,525 mm or greater or on non-combustible, non-metallic substrates with a density of 712 kg/m ³ or higher and a thickness of 25 mm or greater. Dry film thickness of the paint max. 46 µm and quantity of dry paint max. 71 g/m ² . Used on bulkhead, wall and ceiling linings. |
| Technical document | Tikkurila Oyj product data sheet, 18.12.2019. |
| Test reports | Test Report EUFI29-19004568-T1, November 15, 2019. Test Report EUFI29-19004568-T2, November 15, 2019. |
| Test methods | IMO 2010 FTP Code Annex 1 Part 2 and Part 5 (IMO Resolution MSC.307(88) Annex 1 Part 2 and Part 5). |
| Notes | <p>This certificate replaces the previous EC Type-Examination Certificates (B-module) VTT-C-12362-15-18.</p> <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> |

END OF CERTIFICATE