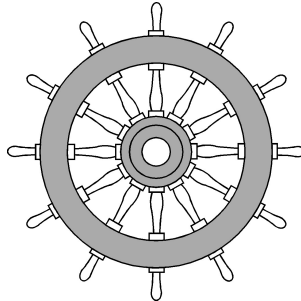


EC TYPE-EXAMINATION CERTIFICATE

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) 2022/1157 subject to any conditions in the schedule attached hereto.

Ässä 1

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 and amended by Decision No.1/2018 signed February 18th 2019.

Manufacturer of the product is

Tikkurila Oyj

The Certificate is valid until August 29, 2028 unless suspended, expired or withdrawn, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo August 29, 2023

This document is electronically approved

Katja Vahtikari
Manager, Certification and Inspection

Heli Välimäki
Senior Expert

Manufacturer	Tikkurila Oyj Heidehofintie 2 FI-01301 Vantaa Finland.
Regulation Item	MED 1/3.18b surface materials with low flame-spread characteristics, paint systems.
Product description	ÄSSÄ 1, Water borne, full-matt interior dispersion ceiling paint and primer. All colours.
Approved application	On non-combustible non-metal substrates with a density of 712 kg/m ³ or higher and a thickness of 25 mm or greater. Mass per unit area (dry) ≤ 125 g/m ² . The dry film thickness max. 69 µm. On metallic substrates with the thickness of 0,525 mm or greater. Mass per unit area (dry) ≤ 120 g/m ² . The dry film thickness max. 66 µm. On bulkhead, wall and ceiling linings.
Technical document	ÄSSÄ 1 primer and ceiling paint, Product data sheet 25.8.2022.
Test reports	EUFI29-23003051-T1, (August 24, 2023), Eurofins Expert Services Oy, (on non-combustible non-metallic substrates). EUFI29-23003051-T2, (August 24, 2023), Eurofins Expert Services Oy, (on metallic substrates).
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	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.

END OF CERTIFICATE