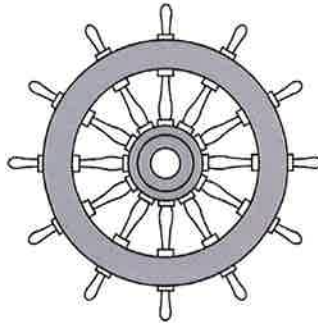


EC TYPE-EXAMINATION CERTIFICATE

according to Marine Equipment Directive (Module B)



NOTIFIED BODY 0809

This is to certify that the examined products with type designations

KIVA Furniture Lacquer

meet the requirements imposed in IMO 2010 FTP Code (ref. Ch. 5.2.1 and Ch. 8), 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

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 September 28, 2021 unless cancelled or revoked, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo September 29, 2016


Ritva Paalanen
Inspection Manager




Heli Välimäki
Senior Expert

Manufacturer	Tikkurila Oyj Kuninkaantie 1 FI-01300 Vantaa Finland.
Equipment	Annex A.1 Item No A.1/3.18(b), surface materials with low flame-spread characteristics, paint system.
Products	KIVA Furniture Lacquer
Product description	Waterborne furniture acrylate lacquer.
Approved application	On non-combustible non-metal substrates with a density of 480 kg/m ³ or higher and a thickness of 12,5 mm or greater. On metallic substrates with the thickness of 0,525 mm or greater. The quantity of dry paint max. 48 g/m ² (dry film thickness max. 41 µm).
Technical document	Tikkurila Product Data Sheet for KIVA 50 Furniture Lacquer, 19.12.2014.
Test reports	VTT-S-7727-06, 31 August, 2006, on non-combustible non-metallic substrates. VTT-S-03606-16, 12 September, 2016, on metallic substrates.
Test methods	IMO FTPC Part 2 and Part 5 (IMO Resolution MSC. 61(67) Annex 1 Part 2 and Part 5) on paint systems (test procedure IMO Resolution A.688(17)) and IMO 2010 FTPC Annex 1 Part 2 and Part 5 (IMO Resolution MSC.307(88) Annex 1 Part 2 and Part 5) on paint systems.
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>

END OF CERTIFICATE

