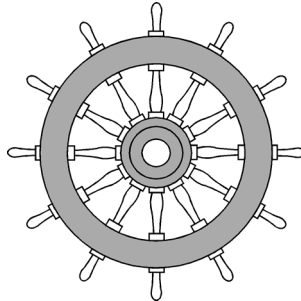


EC TYPE-EXAMINATION CERTIFICATE

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) 2020/1170 subject to any conditions in the schedule attached hereto.

Fire Secure Mastic 1050

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

Fintex-Tetrakem Oy

The Certificate is valid until May 24, 2026 unless suspended, expired or withdrawn, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo May 24, 2021

This document is electronically approved

Tiina Ala-Outinen
Manager, Building Structures

Heli Välimäki
Senior Expert

Manufacturer	Fintex-Tetrakem Oy Mäkrinteentie 13 FI-36220 Kangasala
Regulation Item	MED 1/3.18e surface materials with low flame-spread characteristics, adhesives used in the construction of 'A', 'B' & 'C' class divisions.
Product description	Fire Secure Mastic 1050. One component acrylic-based sealant and mounting adhesive. Colour Off-White. Density of the product 1450 kg/m ³ .
Approved application	<p>On at least 0,45 mm thick metal sheet or on non-combustible, non-metallic substrate.</p> <p>Product can be spread with ≤ 4 mm notched trowel, not more than 60 mm wide stripe with at least 50 mm wide area of non-combustible material on both sides or product can be used on as a strip not more than 30 mm wide solid stripe and on both sides at least 50 mm wide area on both sides of the glue stripe.</p> <p>Approved for use as adhesive with low flame spread characteristics.</p>
Technical document	FT Card, Fire Secure Mastic 1050 data sheet, 28.8.2021.
Test reports	EUFI29-21001995-T2, (May 18, 2021), Eurofins Expert Services Oy. EUFI29-21001995-T3, (May 18, 2021), Eurofins Expert Services Oy.
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-11651-15-16.</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