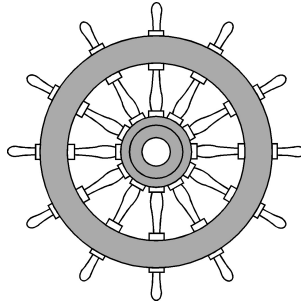


# EC TYPE-EXAMINATION CERTIFICATE

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) 2018/773 subject to any conditions in the schedule attached hereto.

## **Potmacore 096 V/1, Potmacore 128V/1, Potmacore 192V/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 18<sup>th</sup> 2019.

Manufacturer of the product is

**Potma Oy**

The Certificate is valid until April 4, 2022 unless suspended, expired or withdrawn, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo September 30, 2019

This document is electronically approved

Tiina Ala-Outinen  
Business Development Manager

Heli Välimäki  
Senior Expert

Manufacturer	<p>Potma Oy Teollisuustie 10 FI-95700 Pello Finland</p>
Regulation Item	MED 1/3.18(a), surface materials with low flame-spread characteristics.
Products	<p>Honeycomb panel with primer and vinyl surface on other side of the panel (V/1).</p> <p>Potmacore 096V/1, thickness 6 – 30 mm Potmacore 128V/1, thickness 6 - 50 mm Potmacore 192V/1, thickness 10 – 70 mm</p>
Product description	<p>Gislaved pvc-vinyl (quality 1320) laminated (150 µm) aluminium honeycomb panel consisting of aluminium honeycomb core and aluminium sheets glued on both sides of the core. All the products are primed with 5 µm thick polyester epoxy primer on both sides.</p> <p>Polyurethane adhesive.</p> <p>Coversheets: Aluminium EAN 3005 thickness 0,7 – 1,0 mm thick, polyester epoxy primer on both sides.</p> <p>Core material: Aluminium 3003 H 18, thickness 60 µm. The core material is made by gluing the aluminium foil to build the honeycomb structure. The diameter of cells in honeycomb core can be 19,2 mm in Potmacore 192, 12,8 mm in Potmacore 128 and 9,6 mm in Potmacore 096, depending of the Potmacore panel type.</p>
Approved application	Approved of use as surface material for sea going vessels as low flame spread surface material (decorative veneers), not generating excessive quantities of smoke nor toxic products in fire.
Technical document	Potmacore V/1 tuotetiedot (30.9.2019).
Test reports	<p>Test Report VTT-S-01711-16 (April 22, 2016) by VTT Expert Services Ltd. Test Report 7P07741-5 (December 21, 2017) by RISE Test Report 8P07789 (December 17, 2018) by RISE</p>
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-11996-15-17.</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