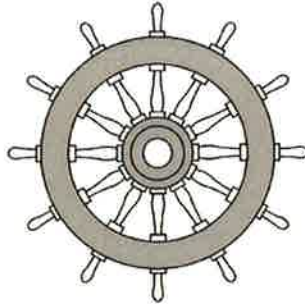


EC TYPE-EXAMINATION CERTIFICATE

according to Marine Equipment Directive (Module B)



NOTIFIED BODY 0809

This is to certify that VTT 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) 2017/306 subject to any conditions in the schedule attached hereto.

PAROC Marine Navis Mat 90 and PAROC Marine Navis Mat 60

meet the requirements imposed in IMO 2010 FTP Code, Annex 1 Part 1 (IMO Resolution MSC.307(88) Annex 1 Part 1) and the provisions of Marine Equipment Directive 2014/90/EU, that apply to

non-combustible materials.

These products have been assigned a U.S. Coast Guard Module B number (**164.109 / 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

Paroc Group Oy

The Certificate is valid until February 20, 2023 unless suspended, expired or withdrawn, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo, April 5, 2018

This document is electronically approved



Tiina Ala-Outinen
Business Manager



Heli Välimäki
Senior Expert

Manufacturer	Paroc Group Oy Energiakuja 3 P.O.Box 240 FI-00181 Helsinki Finland.
Regulation Item	Item MED 1/3.13, non-combustible materials.
Products	PAROC Marine Navis Mat 90 and PAROC Marine Navis Mat 60.
Product description	PAROC Marine Navis Mat 90, unfaced wired or unwired stone wool mat with nominal density of 90 kg/m ³ . PAROC Marine Navis Mat 60, unfaced wired or unwired stone wool with nominal density of 60 kg/m ³ .
Technical document	Product description, PAROC Marine Navis Mat 90 and PAROC Marine Navis Wired Mat 90, dated 19.2.2018. Product description, PAROC Marine Navis Mat 60 dated 22.2.2018 and PAROC Marine Navis Wired Mat 60, dated 5.4.2018
Test report	Test Report PFB10273B (February 2, 2018), DBI, Denmark. Test Report PFB10289A (January 23, 2018), DBI, Denmark.
Test methods and standards	IMO 2010 FTP Code Annex 1 Part 1 (IMO Resolution MSC.307(88) Annex 1 Part 1) on non-combustibility.
Notes	This certificate replaces the previous EC Type-Examination Certificates (B-module) VTT-C-12279-15-18. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of 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 period of validity of this certificate, the product is to be reapproved prior to it being placed on the market and 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

