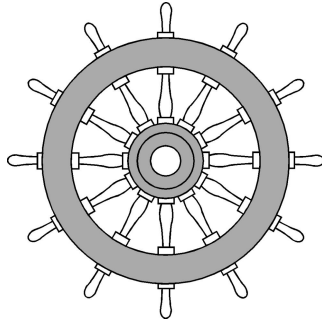


# EC TYPE-EXAMINATION CERTIFICATE

according to Marine Equipment Directive (Module B)



NOTIFIED BODY 0809

This is to certify that the examined products with type designations

**PAROC Section**  
**PAROC Section 140**  
**PAROC Combi**

meet the requirements imposed in

IMO FTPC, Part 1 (IMO Resolution MSC.61(67) Annex 1 Part 1) and  
in Marine Equipment Directive (96/98/EC amendments 98/85/EC,  
2001/53/EC, 2002/75/EC, 2002/84/EC and 2008/67(CE) on

**non-combustible materials.**

This product has 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 Ab.**

The Certificate is valid until 19 May 2013 unless cancelled or revoked, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo 11 December 2008



Liisa Rautiainen  
Assessment Manager



Jarmo Ruohomäki  
Senior Research Scientist

Manufacturer	Paroc Group Oy Ab, Neilikkatie 17, P.O.Box 294, FIN-01301 Vantaa, Finland.
Equipment	Annex A.1 Item No A.1/3.13, non-combustible materials.
Products	PAROC Section, PAROC Section 140, Paroc Combi.
Product descriptions	<p>PAROC Section: Stone wool pipe section with nominal density 83 - 154 kg/m<sup>3</sup> depending on the dimensions.</p> <p>PAROC Section 140: Stone wool pipe section with nominal density 140 kg/m<sup>3</sup>.</p> <p>PAROC Combi: Stone wool pipe section with nominal density 83 - 154 kg/m<sup>3</sup> and with corrugated inner surface.</p>
Technical documents	<p>Paroc Oy Ab, Product description, PAROC Section, 12 December 2008.</p> <p>Paroc Oy Ab, Product description, PAROC Section 140, 12 December 2008.</p> <p>Paroc Oy Ab, Product description, PAROC Combi, 12 December 2008.</p>
Test reports	<p>Test Report VTT-S-4107-07, 3 May 2007, VTT Finland.</p> <p>Test Report VTT-S-9842-07, 14 November 2008, VTT Finland.</p>
Test method	<p>IMO FTPC Part 1 (IMO Resolution MSC. 61(67) Annex 1 Part 1)</p> <p>Non-combustibility test (test procedure ISO 1182:2002).</p>
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

