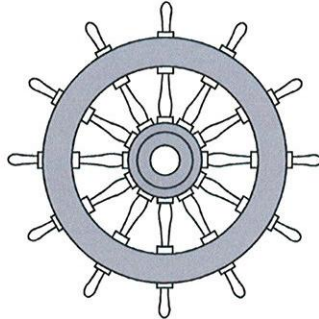


# EC TYPE-EXAMINATION CERTIFICATE

according to Marine Equipment Directive (Module B)



NOTIFIED BODY 0809

This is to certify that the examined products with type designations

**A-60 Floating Floor Paroc Marine Floor Slab 140, 50 mm**

meet the requirements imposed in IMO FTPC, Part 3 (IMO Resolution MSC.61(67) Annex 1 Part 3)

**Class A-60 Deck**

and the provisions of Marine Equipment Directive 96/98/EC, as amended, last amendment 2010/68/EU, that apply to

**fire integrity of A-60 Class division.**

These products have been assigned a U.S.Coast Guard Module B number (**164.105 / 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 June 10, 2017 unless cancelled or revoked, provided the conditions in this certificate are complied with and the equipment remains satisfactory in service.

Espoo June 11, 2012

  
Liisa Rautiainen  
Assessment Manager



  
Ritva Paalanen  
Lead Assessor

Manufacturer	Paroc Group Oy, Lakkisepantie 23, P.O.Box 47, FI-00621 Helsinki, Finland.
Equipment	Annex A.1 Item No A.1/3.11, "A" and "B" Class divisions, fire integrity.
Products	A-60 Floating Floor Paroc Marine Floor Slab 140, 50 mm.
Product descriptions	"A" Class steel deck insulated with a floating floor on top. The insulation consists of minimum 50 mm of "PAROC Marine Floor Slab 140" with the nominal density of 140 kg/m <sup>3</sup> . The insulation is installed floating without pins/washers and covered by minimum one layer of minimum 3 mm steel sheets spot welded or screwed together (pitch max 300 mm) by means of minimum 1,5 mm thick steel flats having width of minimum 100 mm.
Application	General application. Fire against either side.
Technical documents	Drawing no 07102-A-B-C (28 March 2007) of the manufacturer.
Test reports	Test report No. 2007CS011899 (17 May 2007) of RINA, Italy. Test Report VTT-S-8705-11, 15 December 2011, VTT Expert Services Ltd, Finland.
Test method	IMO FTPC Part 3 (IMO Resolution MSC. 61(67) Annex 1 Part 3), (test procedure IMO Res.A.754(18) (4 November 1993). IMO FTPC Part 1 (IMO Resolution MSC. 61(67) Annex 1 Part 1) Non-combustibility test (test procedure ISO 1182:1990).
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

