

**TYPE APPROVAL CERTIFICATE****This is to certify:****That the Non-Combustible Material**

with type designation(s)  
**PAROC Marine Navis (Wired) Mat 60/90**

Issued to  
**PAROC GROUP OY**  
**Helsinki, Finland**

is found to comply with  
**DNV GL offshore standards**  
**DNV GL rules for classification – Ships**  
**DNV GL statutory interpretations DNVGL-SI-0364 – SOLAS interpretations**

**Application :**

**Approved for use as non-combustible materials.**

**This certificate is recognized by Transport Canada.**

**Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.**

Issued at **Høvik** on **2019-04-16**

This Certificate is valid until **2023-04-15**.

DNV GL local station: **Turku**

Approval Engineer: **Krzysztof Kolakowski**

for **DNV GL**



Digitally Signed By: Schei-Nilsson, Mårten  
Location: DNV GL Høvik, Norway

**Mårten Schei-Nilsson**  
**Head of Section**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-030091-1**  
Certificate No: **TAF0000158**

### **Product description**

"PAROC Marine Navis (Wired) Mat 60/90"

Stone wool with density of 60 kg/m<sup>3</sup> / 90 kg/m<sup>3</sup> with galvanized steel wire mesh in "Wired" version.

Nominal organic content: 0.6% / 0.9%

This product is produced at the following production places:

- Paroc Polska Sp. z o.o., ul. Gnieznienska 4, 62-240 Trzemeszno, Poland
- Paroc AB, SE-53394 Hällekis, Sweden
- Paroc Oy Ab, FI-21600, Parainen, Finland

### **Application/Limitation**

Approved for use as non-combustible materials.

The product may be used as an integrated part of approved fire resisting divisions only when tested as such.

Each product is to be supplied with its manual for installation, use and maintenance.

### **Type Approval documentation**

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

Test report no. PFB10289A dated 23 January 2018 from Danish Institute of Fire and Security Technology, DBI, Hvidovre, Denmark.

Test report no. PFB10273B dated 23 January 2018 from Danish Institute of Fire and Security Technology, DBI, Hvidovre, Denmark.

### **Tests carried out**

Tested according to IMO 2010 FTP Code part 1.

### **Marking of product**

The product or packing is to be marked with name of manufacturer, type designation and fire-technical rating.

### **Transport Canada Approval**

Based on the procedures laid down in the Transport Canada Publication entitled "*Approval Procedures for, Life Saving Equipment and Structural Fire Protection Products (TP 14612)*", DNV GL confirms that the product/s listed in this certificate is/are in accordance with Transport Canada's requirements.

### **Periodical assessment**

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.