

**UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND  
CERTIFICATE OF TYPE APPROVAL**

(EC Certificate of Type Examination-96/98/EC Directive Module B)

**Certificate Number: 164.108/1121/ WCL MED 340TE**

Applicant: - PRTC NV  
Address: - Bormstraat 24  
2830 Tisselt  
Belgium

Manufacturer: - Promat Glasgow Limited  
Address: - 348 Petershill Rd  
Springburn  
Glasgow  
G21 4AU United Kingdom

This is to certify that the applicant has submitted details of a A60 Class Division constructed from a fire protection board known and designated as: -

**19 mm Thick PROMARINE-450 Wall Panel System**

Having the technical specification given in the schedule of equipment on this certificate which has been tested and complies with the recommended criteria given in the following methods, published by the International Maritime Organisation, and which are contained in the relevant parts of the International Code for Application of Fire Test Procedures (FTP Code) namely: -

IMO Resolution A. 754 (18)  
IMO Resolution MSC 61(67) Annex 1 Part 1, and Annex 2. MSC/Circ 1005  
IMO Resolution MSC 61(67) Annex 1 Part 3, and Annex 2. MSC/Circ 1005

The PROMARINE-450 wall panel system is found to comply with the requirements in the following Regulations/Standards:

Annex A.1, item No A.1/3.11a and Annex B Module B in the Directive in SOLAS 74 as amended, Regulation II-2/3.2.5 and IMO MSC (61) 67.

This certificate is issued on behalf of the Maritime and Coastguard Agency (MCA). The system complies with the relevant international testing standards under which legislation (The Merchant Shipping Marine Equipment Regulations 1999 and also the Marine Equipment Directive 96/98 as amended) the certificate is issued.

**USCG Approval**

An U.S. Coastguard number has been assigned to this equipment upon issue of the production module (D), as allowed by the Agreement between the United States of America and the EEA and EFTA States on the mutual recognition of certificates of conformity for marine equipment, signed 17<sup>th</sup> October 2005.

SIGNED

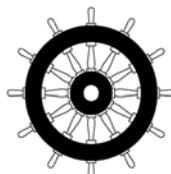


C Hughes  
Manager

Date of Issue: 29th February 2012  
This certificate is valid until: 28<sup>th</sup> February 2017

Warrington Certification Limited  
Holmesfield Road  
Warrington WA1 2DS

**This certificate is not valid for equipment, the design or manufacture of which, has been varied or modified from the specimens tested.**



## Certificate of Type Approval Schedule of Equipment

The applicant declared that the following comprises an accurate description of the system type to which this certificate applies.

The product was an A60 Class Division consisting of:

### **PROMARINE-450 Calcium Silicate based boards of 450kg/m<sup>3</sup> nominal density.**

A60 Class Division comprising 2 layers that had overall nominal dimensions of 2468 mm high by 3000 mm wide, and incorporating three vertically jointed PROMARINE-450 panels, each 2440 mm high by 19 mm thick. The panels were butt jointed using 38mm by 3mm thick steel 'C' splines. One side of the 'PROMARINE-450' panels were faced with 0.025mm thick aluminium foil, this was applied by hand using PROMASEAL glue as the adhesive at 300mm spacing. The foiled face of the panels was situated internally, there was an air gap of 10mm maintained between the 2 layers.

Full details are given in the test report referenced WF Test Report No. 315926.

The under noted documents have been approved for compliance with the relevant requirements of International Conventions and European Union Legislation for the EC Type examination of Marine Equipment for use on Ships Registered in the European Economic Area.

### **Application / Limitations**

Approved for use as an integrated part of a fire resistant non load bearing class A60 division. The class A60 division is only approved for use without any penetration or structural interruption such as a door or window and if this is required a further test should be conducted. The construction shall not be used as part of any main fire zone bulkheads and stairways on passenger ships. (see IMO MSC/Circ.1005)

Any surface materials and adhesives used shall be approved according to the Marine Equipment Directive and bear the mark of Conformity.

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

### **Approved Documents**

#### **Test Reports**

- (1) WARRES No. 139266 Issue 2 test to IMO A799(19) Part 1, Annex 1 and Annex 2 of the Fire Test Procedures Code, Resolution MSC61 (67).
- (2) WF Test Report No.315926 Issue 2 - test to IMO A.754 (18), Part 3, of the Fire Test Procedures Code, Resolution MSC61 (67).

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