

**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: 164.117/1121/WCL MED0258TE

Applicant:- **Polyflor Limited**

Manufacturer:- Polyflor Limited

Address:- **PO Box 3
Radcliffe New Road
Whitefield
Manchester
M45 7NR
England**

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This is to certify that the applicant has submitted details of a Floor covering with Low flame-spread characteristics known and designated as:-

"Voyager Marinesafe"

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 MSC 307(88) Annex 1 Part 5 and Annex 2.
- IMO Resolution MSC 307(88) Annex 1 Part 2 and Annex 2.

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.

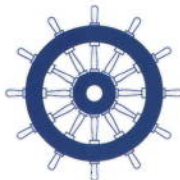
The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.117/1121/WCL MED0258TE as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment" signed February 27th, 2004.



P Duggan
Manager
Warrington Certification Limited
Holmesfield Road
Warrington WA1 2DS

Date of Issue 8th July 2014
Revised on 19th August 2014
This certificate is valid until 7th July 2019

**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.

General description		Floorcovering bonded to calcium silicate based board utilising 'Ball's F44' adhesive
Overall thickness of composite		14mm
Overall weight per unit area of composite		15kg/m ²
Floor Covering	Product reference	"Voyager Marinesafe"
	Generic type	Polyvinyl chloride (PVC)
	Name of manufacturer	Polyflor
	Weight per unit area	3250 g/m ²
	Thickness	2mm
	Colour	Any
	Flame retardant details	See Note 1 below
Adhesive (floor covering to substrate)	Product reference	"Styccobond F44"
	Generic type	Acrylic based adhesive
	Name of manufacturer	F Ball & Co. Ltd.
	Application rate	200g/m ²
	Application method	'V' notched trowel
	Flame retardant details	The manufacturer stated that no flame retardant additives were utilised in the construction of the adhesive
Substrate	Trade name	"Promat Brandschutzbauplatten Promatect – H"
	Generic type	Calcium silicate based board
	Name of manufacturer	Promat
	Thickness	12mm
	Density	870kg/m ³
	Flame retardant details	Non combustible
Brief description of manufacturing process of the floor covering		Plastisol spreading / gelling

Note 1. The sponsor of the test was unwilling to provide this information

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.

Approved Documents

Test Reports

- (1) WF 321182 - Surface Flammability test to IMO Resolution MSC307 (88) Annex 1 Part 5.
- (2) WF 321183 - Smoke and Toxicity test to IMO Resolution MSC307 (88) Annex 1 Part 2.

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