

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

(EC Certificate of Type Examination-2014/90/EU Directive Module B)

**Certificate Number: 164.112/1121/WCL MED0392TE**

Applicant:- **F Ball and Co. Ltd.**

Manufacturer:- F Ball and Co. Ltd.

Address:- **Station Road, Cheddleton, Leek,  
Staffordshire, ST13 7RS, UK**

Station Road, Cheddleton, Leek,  
Staffordshire, ST13 7RS, UK

This is to certify that the applicant has submitted details of a flooring adhesive, having low flame spread characteristics, Item No. MED/3.18e, known and designated as:-

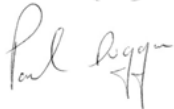
**"Styccobond F3"**

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.

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 2017 and also the Marine Equipment Directive 2014/90/EU as amended) and the Commission implementing regulation 2019/1397/EU the certificate is issued.

This equipment is covered by the scope of 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 and amended by Decision No.1/2018 dated February 18th, 2019. The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.112/1121/WCL MED0392.



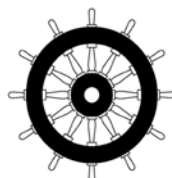
Paul Duggan  
Manager  
Warringtonfire Testing and Certification Limited  
Holmesfield Road  
Warrington WA1 2DS

Date of Original Issue: 13<sup>th</sup> February 2015

Date of Renewal: 7<sup>th</sup> February 2020

This certificate is valid until: 31<sup>st</sup> December 2020

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



This certificate does not entitle the use of the Mark of Conformity, which requires an additional module, either D, E or F;

Under the terms of the Merchant Shipping (Marine Equipment Regulations 2016) Warringtonfire Testing and Certification has been notified to the European Commission by the Maritime and Coastguard Agency as a body authorised to conduct Type Examinations under the provision of the European Council Directive 2014/90/EU on Marine Equipment and issue Certificates of Type Approval.

## 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		Rubber/resin based flooring adhesive applied to a calcium silicate based board substrate
Adhesive	Generic type	Rubber/resin based flooring adhesive
	Trade name	"Styccobond F3"
	Formulation references	a. "F3659 Iss 1" b. "X2504B" c. "X2504C" d. "X2504D"
	Name of manufacturer	F. Ball and Co. Ltd.
	Colour	"Cream" / "Yellow"
	Specific gravity	a. 1.21 b. 1.24 c. 1.24 d. 1.24
	Application rate	3m <sup>2</sup> per litre
	Application method	2mm x 6mm `V` notched trowel
	Flame retardant details	The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product
Substrate	Trade name	"MONALITE M1A"
	Generic type	Calcium silicate based board
	Name of manufacturer	Promat
	Thickness	25mm
	Density	970kg/m <sup>3</sup>
Flame retardant details		The substrate is inherently flame retardant
Brief description of manufacturing process		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**

- WF 336550, dated January 2014, Surface Flammability test to IMO Resolution MSC 307(88) Annex 1: Part 5.
- WF 424355, dated February 2020, Surface Flammability test to IMO Resolution MSC 307(88) Annex 1: Part 5.
- WF 424356, dated February 2020, Surface Flammability test to IMO Resolution MSC 307(88) Annex 1: Part 5.
- WF 424357, dated February 2020, Surface Flammability test to IMO Resolution MSC 307(88) Annex 1: Part 5.
- WF 423108, dated February 2020, Surface Flammability test to IMO Resolution MSC 307(88) Annex 1: Part 5.

Warringtonfire Testing and Certification, Holmesfield Road, Warrington, WA1 2DS

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