

Notified Body No. 1121

EUROPEAN COMMUNITY CERTIFICATE OF CONFORMITY

Issued in accordance with the
MARINE EQUIPMENT DIRECTIVE

Certificate No. 164.112/1121/WCL MED0406QA

This is to certify that in compliance with the Council Directive 2014/90/EU of 23 July 2014 on marine equipment as amended, the product detailed below has been tested in accordance with the appropriate international instruments contained therein.

This certificate is issued to:

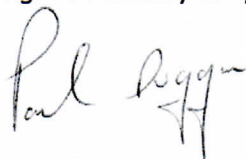
F Ball and Co. Ltd.
Station Road, Cheddleton, Leek,
Staffordshire, ST13 7RS, UK

To certify also that a Surveyor representing Warrington Certification did at their request attend at the works of F Ball and Co Ltd. on the 8th January 2014 and annually thereafter for the purpose of examining the production and factory production control systems for this product.

Product Description - Acrylic emulsion based flooring adhesive
Product Type - Item Number A.1/3.18e: Adhesive
Reference - "Styccobond F41"
Modules used - (D)

The particulars of which are given on this certificate, to verify compliance with the requirements of the International Convention for the Safety of Life at Sea (SOLAS) 1974 Regulation II-2/3, II-2/5, II-2/9, X/3.

The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.112/1121/WCL MED0406 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
Holmesfield Road
Warrington WA1 2DS

Date of Issue: 19th January 2015
Date of Re-issue: 3rd April 2018
This certificate is valid until: 18th January 2020

EWC EC Distinguishing No. 1121

Certificate No. 164.112/1121/WCL MED0406QA

Description of Product as Prototype Tested:

The product is constructed as described in the test reports referenced in the following certificate.

EC Type-Examination Certificate No.	Notified Body	Date of Issue
164.112/1121/WCL MED0406TE	Warrington Certification	19 th January 2015, Amended and re-issued on 3 rd April 2018

Regulation No	Testing Standard	Result	Date
II-2/3, II-2/5, II-2/9, X/3	IMO Resolution MSC 307(88) Annex 1: Part 5	Pass	WF 344851 (dated October 2014) WF 395097 (dated March 2018)
MSC Circ 1120	IMO Resolution MSC 307(88) Annex 1: Part 2	Pass	WF 344852 (dated December 2014).

Marking & Identification affixed to the product:

Manufacturer Name	F Ball and Co. Ltd.
Manufacturer Address	Station Road, Cheddleton, Leek, Staffordshire, ST13 7RS, UK
Product Reference	"Styccobond F41"
Approved Authority	Warrington Certification

Warrington Certification
Holmesfield Road
Warrington WA1 2DS

EWC EC Distinguishing No. 1121



**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 MED0406TE

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 an adhesive product, Item No. A.1/3.18e, having low flame spread and low smoke and toxic fume emissions, known and designated as:-

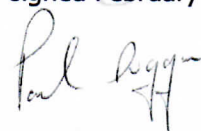
"Styccobond F41"

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.
- IMO Resolution MSC 307(88) Annex 1: Part 2.
- IMO MSC/Circ.1120, 2 June 2004.

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 164.112/1121/WCL MED0406 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.



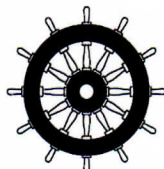
P Duggan
Manager
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Date of Issue: 19th January 2015

Date of Re-issue: 3rd April 2018

This certificate is valid until: 18th January 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) Exova (UK) Limited trading as Warrington 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		Acrylic emulsion based flooring adhesive applied to a calcium silicate based board substrate
Overall thickness		25.00mm (determined by Exova Warringtonfire)
Overall weight per unit area		25.13kg/m ² (determined by Exova Warringtonfire)
Adhesive	General description	Acrylic emulsion based flooring adhesive
	Trade name	"Styccobond F41"
	Formulation reference	"X2101A" or "XS12638D"
	Name of manufacturer	F. Ball and Co. Ltd.
	Colour	"White"
	Specific gravity	1.03
	Application rate	7m ² per litre
	Application method	Paint roller
	Flame retardant details	See Note 1 below
Substrate	Trade name	"MONALITE M1A"
	Generic type	Calcium Silicate based board
	Manufacturer	Promat
	Thickness	25mm
	Density	970kg/m ³
Flame retardant details		The substrate is inherently flame retardant
Brief description of manufacturing process		See Note 2 Below

Note 1. The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.

Note 2. The sponsor 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 344851 (dated October 2014) and WF 395097 (dated March 2018) Surface Flammability test to IMO Resolution MSC 307 (88) Annex 1: Part 5 and Annex 2.
- WF 344852 (dated December 2014). Smoke and Toxicity test to IMO Resolution MSC 307 (88) Annex 1: Part 2 and Annex 2.

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