

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 MED0393TE

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

Manufacturer:- F Ball and Co. Ltd.

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

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Staffordshire, ST13 7RS, UK

This is to certify that the applicant has submitted details of an adhesive (item number MED/3.18e) with low flame-spread characteristics and low smoke and toxic fume emissions known and designated as:-

"Styccobond F40"

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.
- 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 2017 and also the Marine Equipment Directive 2017/306 EU as amended) the certificate is issued.

The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.112/1121/WCL MED0393 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 October 17th, 2005.



Paul Duggan
Manager
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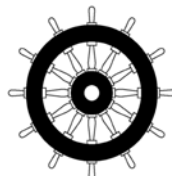
Date of Original Issue: 16th June 2014

Date of Amendment 17th October 2017

Date of Re-issue: 10th April 2019

This certificate is valid until: 9th April 2024

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 | | Flooring adhesive applied to a calcium silicate based board substrate |
| Adhesive | Generic type | Synthetic polymer emulsion flooring adhesive |
| | Trade name | "Styccobond F40" |
| | Name of manufacturer | F. Ball and Co. Ltd. |
| | Colour | "White" |
| | Specific gravity | 1.0 |
| | Application rate | 4m ² per litre |
| | Application method | 1.5mm x 5mm `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 ³ |
| 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 334467 (dated October 2013) and WF 402137 (dated August 2018), Surface Flammability test to IMO Resolution MSC 307(88) Annex 1: Part 5.
- WF 334468 (dated December 2013), Smoke and toxicity test to IMO Resolution MSC 307(88) Annex 1: Part 2.

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