

Notified body No. 2812

Certificate of Type Approval

164.112/ERO2812/MED0406TE

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

Manufacturer: F Ball and Co. Ltd.

Authorised Representative: F Ball and Co. Ltd.

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

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Leek,
Staffordshire, ST13 7RS, UK

This is to certify that the manufacturer has submitted details of an adhesive product (Item No. MED/3.18a), having low flame spread and low smoke and toxic fume emissions, known and designated as:-

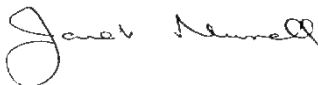
“Styccobond F41”

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.

The system complies with the relevant international testing standards under which legislation (The Merchant Shipping Marine Equipment) Regulations 2016 and also the Marine Equipment Directive 2014/90/EU as amended) and the implementing regulation 2020/1170/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/ERO2812/MED0406.



Janet Murrell
Certification Manager - Marine

Date of issue: 2021-01-01
Valid until: 2025-01-05

ERO project reference: **EROMED10212**
ERO EC Distinguishing No. 2812

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

CSF402-NL 0.1

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" |
| | 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 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 EU Type Examination of Marine Equipment for use on Ships Registered in the European Economic Area.

Approved Documents

Test Reports

- WF 344851 (dated October 2014). 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.
- WF 395097 (dated March 2018). Indicative Surface Flammability test to IMO Resolution MSC 307 (88) Annex 1: Part 5
- WF 411680 (dated April 2019). Indicative Surface Flammability test to IMO Resolution MSC 307 (88) Annex 1: Part 5

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