

Notified body No. 2812

Certificate of Type Approval

164.112/ERO2812/MED0401TE

(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 (Item No. MED/3.18e), with low flame-spread characteristics and low smoke and toxic fume emissions, known and designated as:-

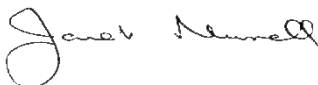
“Styccobond F46”

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 61(67): Annex 1: Part 5 and Annex 2.
- IMO Resolution MSC 61(67): Annex 1: Part 2 and Annex 2.
- IMO MSC/Circ.1120

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/MED0401.



Janet Murrell
Certification Manager - Marine

Date of issue: 2021-01-01
Valid until: 2024-04-08

ERO project reference: **EROMED10202**
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		An adhesive (product reference "Styccobond F46"), applied to one face of a 20mm thick calcium silicate based board
Adhesive	Generic type	An acrylic based, pressure sensitive, flooring adhesive
	Trade name	"Styccobond F 46"
	Name of manufacturer	F Ball and Co. Ltd.
	Colour	"White"
	Specific gravity	1.0
	Application rate	310 to 330g per m ²
	Application method	1.5mm by 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	"Glasroc S"
	Generic type	Calcium silicate based board which stated by the sponsor to comply with the requirements specified in Paragraph 3.3 of IMO Resolution A.653 (16) and corresponds to the standard substrate that should be used for assessing the performance of adhesives, as specified in Paragraph 3.1 of MSC/Circ.916: 4 th June 1999.
	Supplier	Kitsons Limited
	Thickness	20mm
	Density	Between 700 and 900kg/m ³
	Flame retardant details	The substrate is inherently flame retardant
	Preparation details	None
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 EU Type Examination of Marine Equipment for use on Ships Registered in the European Economic Area.

Approved Documents

Test Reports

- WF 153802, dated 24/04/06, Surface Flammability test to IMO Resolution MSC 61(67) Annex 1: Part 5.
- WF 153924, dated 12/05/06, Smoke and toxicity test to IMO Resolution MSC 61(67) Annex 1: Part 2.

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