

Notified body No. 2812

Certificate of Type Approval

164.112/ERO2812/MED0418TE

(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** **Station Road, Cheddleton, Leek, Staffordshire, ST13 7RS**

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

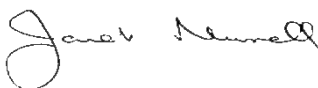
**“Styccobond F3 LE”
(for flooring applications only)**

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 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/MED0418.



Janet Murrell
Certification Manager - Marine

Date of issue: 2021-01-01
Valid until: 2024-02-18

ERO project reference: **EROMED10216**
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, low emission flooring adhesive applied to a calcium silicate based board substrate
Adhesive	Generic type	Acrylic emulsion based, low emission flooring adhesive
	Trade name	"Styccobond F3 LE"
	Name of manufacturer	F. Ball and Co. Ltd.
	Colour	"Cream"
	Specific gravity	1.37
	Application rate	3m ² 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	The sponsor of the test was unable to provide this information
	Thickness	25mm
	Density	Between 700 and 900kg/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

Product usage – Floorcovering applications

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

- (1) WF 338241, tested February 2014, Surface Flammability test to IMO Resolution MSC 307(88) Annex 1: Part 5.

164.112/ ERO2812/MED0418TE