

Notified Body No. 2812

## Type-Examination (Module B) Certificate

**ERO2812/MED0400TRev.1**

This is to certify that:

Element Materials Technology Rotterdam B.V. (ERO) did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU of 23<sup>rd</sup> July 2014, subject to any conditions in the schedule attached hereto.

**Manufacturer**

**Name**

F. Ball and Co. Ltd.

**Address**

Churnetside Business Park, Station Road, Cheddleton, Leek,  
Staffordshire, ST13 7RS

**Authorised Representative**

**Name**

F. Ball and Co. (Europe) Limited

**Address**

109 Cork Street, Dublin 8, Republic of Ireland, D08 X279

**Directive reference**

Marine Equipment Directive (MED) 2014/90/EU of 23<sup>rd</sup> July 2014 and  
Regulation 2024/1975 EU of 19th July 2024

**Regulation Item**

Item No. MED/3.18c: Surface materials and floor coverings with low  
flame-spread characteristics – floor coverings

**Product Type**

“Styccobond F44”

**Product description**

Acrylic emulsion-based flooring adhesive applied to a calcium silicate  
substrate.as per detail in attachment to this certificate..

**Specified Standard**

SOLAS 74, Reg. II-2/3,II-2/5, II-2/6, X/3, IMO Res. MSC.307(88)-(2010  
FTP Code), as amended, IMO Res MSC.36(63)-(1994 HSC Code) 7,  
IMO Res MSC.97(73)-(2000 HSC Code) 7, IMO MSC/Circ.1120

The attached schedule of approval forms part of this certificate.

This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.



**Pascal Coget - General Manager – European Certification**

Date of Issue/Re-issue: **10/02/2025**

Expiry date: **04/02/2030**

ERO project reference: 034621 P2641

**Notes:**

- 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.1/2008 dated February 18th, 2019 according to U.S Coast Guard approval category 164.117
- A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F) as allowed by the MED.
- This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to, and agreed with, the notified body named on this certificate.
- During the period of validity of this certificate the applicable regulations (international conventions and the relevant resolutions and circulars of the IMO) and testing standards of the Commission Implementing Regulation may change, therefore the product conformity may need to be re-assessed by the Notified Body.

## Appendix to Type-Examination Certificate

### Schedule of Approval

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 substrate.
Product reference		"Styccobond F44"
Name of manufacturer		F. Ball and Co. Ltd.
Overall thickness (including substrate)		26.0 ±1mm (stated by sponsor) 26.09mm (determined by <a href="#">Warringtonfire</a> )
Overall weight per unit area (including substrate)		26.7 ± 1.0kg/m <sup>2</sup> (stated by sponsor) 26.99kg/m <sup>2</sup> (determined by <a href="#">Warringtonfire</a> )
Adhesive	Generic type	Acrylic-emulsion based flooring adhesive
	Product reference	"F4104" "XS13440/6" "XS13276/7"
	Name of manufacturer	F. Ball and Co. Ltd.
	Application rate	4.0m <sup>2</sup> per litre
	Specific gravity	1.16
	Colour	Off-white
	Application method	1.5mm x 5mm 'V' notched trowel
Flame retardant details		<b>See Note 1 below</b>
Substrate	Generic type	Calcium silicate board
	Product reference	"Monalite M1AT"
	Name of supplier	ESSPEE Fabrication Ltd
	Thickness	25.8mm
	Density	950 ± 100kg/m <sup>3</sup>
	Trade name of flame retardant	The substrate is inherently flame retardant
Preparation details		No preparation required
Brief description of manufacturing process		<b>See Note 2 below</b>

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

**Note 2. The sponsor was unwilling to provide this information.**

## Type Examination documentation

Test report No.	Date of report	Product reference	Test method
545348	30 <sup>th</sup> July 2024	“Styccobond F44”	IMO Resolution MSC 307(88) (2010 FTP Code): Annex 1: Part 5
423109	28 <sup>th</sup> January 2020	“Styccobond F44”	IMO Resolution MSC 307(88) (2010 FTP Code): Annex 1: Part 5
402138 (Issue 2)	30 <sup>th</sup> August 2018	“Styccobond F44”	IMO Resolution MSC 307(88) (2010 FTP Code): Annex 1: Part 5

### Production Locations:

#### Place of Production

F. Ball & Co. Ltd  
Churnetside Business Park, Station Road,  
Cheddleton, Leek, Staffordshire, ST13 7RS

### Restrictions of Use:

- Product can be applied to any non-combustible substrate.

### Marking

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of the Directive is fully complied with.