

Notified Body No. 2812

Type-Examination (Module B) Certificate

ERO2812/MED0402TERev.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 23rd 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 23rd 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 F81”

Product description

Epoxy based flooring adhesive applied to a calcium silicate based board
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This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.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		Epoxy based flooring adhesive applied to a calcium silicate based board substrate
Product reference		"Styccobond F81"
Name of manufacturer		F. Ball and Co. Ltd.
Overall thickness (including substrate)		25.43mm (determined by Warringtonfire)
Overall weight per unit area (including substrate)		28.73kg/m ² (determined by Warringtonfire)
Adhesive	Generic type	Epoxy based flooring adhesive
	Trade name	"Styccobond F81"
	Formulation reference	"F3676" (Resin), "F3189" (Hardener)
	Name of manufacturer	F. Ball and Co. Ltd.
	Colour	Green (mixed)
	Specific gravity	1.27
	Application rate	2.7m ² per kg
	Application method	2mm x 6mm 'V' notched trowel
Flame retardant details		See Note 1 below
Substrate	Generic type	Calcium silicate based board
	Trade name	"MONALITE M1A"
	Name of 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 was unwilling to provide this information.

Type Examination documentation

Test report No.	Date of report	Product reference	Test method
422524	28 th January 2020	"Styccobond F81"	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.