

Notified Body No. 2812

## Type-Examination (Module B) Certificate

**ERO2812/MED1015TERev.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 2023/1667/EU of 8<sup>th</sup> August 2023

**Regulation Item**

Item No. MED/3.1: Primary deck coverings

**Product Type**

“Stoppag 1500”

**Product description**

Floor smoothing underlayment, as per detail in Attachment to this  
certificate.

**Specified Standard**

SOLAS 74, Reg. II-2/4,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

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This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with.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

Date of Issue/Re-issue: **16/07/2024**

Expiry date: **15/07/2029**

ERO project reference: **ERO 034621 P2551**

**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 27<sup>th</sup>, 2004 and amended by Decision No.1/2008 dated February 18<sup>th</sup>, 2019 according to U.S Coast Guard approval category 164.106.
- 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		Floor smoothing underlayment tested applied to nominal 3mm steel, utilising a proprietary deck plate coating and primer
Product reference		"Stopgap 1500"
Name of manufacturer		F. Ball and Co. Ltd.
Overall thickness (including substrate)		35.13mm (determined by <a href="#">Warringtonfire</a> )
Overall weight per unit area (including substrate)		75.29kg/m <sup>2</sup> (determined by <a href="#">Warringtonfire</a> )
Cementitious product	Generic type	Cementitious smoothing underlayment
	Product reference	"Stopgap 1500"
	Detailed description	<b>See Note 1 below</b>
	Name of manufacturer	F. Ball and Co. Ltd.
	Application thickness	30mm
	Density	2000kg/m <sup>3</sup>
	Colour	Grey
	Application method	Poured
Flame retardant details		<b>See Note 2 below</b>
Second coating product	Generic type	Acrylic primer
	Product reference	"Stopgap P141"
	Name of manufacturer	F. Ball and Co. Ltd.
	Colour	Yellow
	Number of coats	One
	Application rate per coat	13 m <sup>2</sup> /litre
	Application method	Paint roller
	Specific gravity	1.40
	Flame retardant details	
Curing process		Allowed to dry at ambient conditions (approximately 20 minutes at 20°C)

Continued on next page

First coating product	Generic type	Epoxy based deck plate primer
	Product reference	"Stopgap F77"
	Name of manufacturer	F. Ball and Co. Ltd.
	Colour	Black
	Number of coats	One
	Application rate per coat	6.75 m <sup>2</sup> /kg
	Application method	Paint roller
	Specific gravity	1.48
	Flame retardant details	<b>See Note 2 below</b>
Curing process	Allowed to cure at ambient conditions (approximately 4 hours at 20°C)	
Substrate	Generic type	Mild steel
	Product reference	"Substrate"
	Name of supplier	<b>See Note 3 below</b>
	Thickness	3mm
	Weight per unit area	7850kg/m <sup>2</sup>
	Flame retardant details	The substrate is inherently flame retardant
	Preparation details	Shot-blasted to SA 2½
Brief description of manufacturing process		<b>See Note 1 below</b>

**Note 1. The sponsor was unwilling to provide this information.**

**Note 2. The sponsor of the test has confirmed that no flame retardant additives were utilised in the production of the product.**

**Note 3. The sponsor was unable to provide this information**

### Type Examination documentation

Test report No.	Date of report	Product reference	Test method
538934	18 <sup>th</sup> March 2024	"Stopgap 1500"	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 may be applied over any low flame-spread floor covering, steel or non-combustible material

### 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.