

Notified body No. 2812

Certificate of Type Approval

164.106/ERO2812/MED0529TE

(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	Address:	Station Road, Cheddleton, Leek, Staffordshire, ST13 7RS, UK

This is to certify that the manufacturer has submitted details of a deep section compound primary deck covering (Item No. MED/3.1), with low flame-spread characteristics and low smoke and toxic fume emissions known and designated as:-

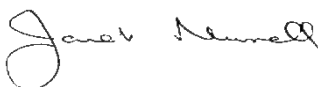
“Stopgap 600 Base”

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 Resolution MSC 307(88) Annex 1 Part 2 - Smoke and Toxicity is satisfied by meeting the total heat release (Q_t) and peak heat release (Q_p) as stated in IMO Fire Test Procedures Code, Annex 2 Section 2.2.
- 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 164.106/ERO2812/MED0529.



Janet Murrell
Certification Manager - Marine

Date of issue: 2021-01-01
Valid until: 2024-02-20

ERO project reference: **EROMED10222**
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		Deep section compound primary deck covering
Cementitious product (Test face)	Generic type	Cementitious smoothing underlayment
	Product reference	"Stopgap 600 Base"
	Name of manufacturer	F. Ball and Co. Ltd.
	Colour	"Grey"
	Application thickness	5mm to 50mm
	Application method	Trowel
	Density	See Note 1 below
	Flame retardant details	See Note 2 below
	Curing process	No specific curing procedures were carried out after the compound was applied
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	13m ² per litre
	Application method	Short or medium pile paint roller
	Specific gravity	1.4
	Flame retardant details	See Note 2 below
Curing process	Allowed to dry at ambient conditions (from 15 minutes at 20°C)	
Steel substrate	Generic type	Steel
	Product reference	A product reference is not assigned to this component
	Name of supplier	S & A Joinery
	Thickness	3mm
	Density	7850kg/m ³
	Flame retardant details	The substrate is inherently flame retardant

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 component.

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 407974 and WF 407975, formal and indicative Surface Flammability tests to IMO Resolution MSC 307(88) Annex 1: Part 5. Tested January 2019.
- Smoke and Toxicity is satisfied by meeting the total heat release (Q_t) and peak heat release (Q_p) as stated in IMO Fire Test Procedures Code, Annex 2 Section 2.2.

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