

Approved Body authorised by the MCA

**UNITED KINGDOM CERTIFICATE OF TYPE APPROVAL**  
**Issued in accordance with**  
**The Merchant Shipping (Marine Equipment) Regulations 2016 SI**  
**2016/1025 as amended**

**Certificate Number: 164.112/1121/WCL MER0401TE**

Applicant:- **F Ball and Co. Ltd.** Manufacturer:- F Ball and Co. Ltd.  
Address:- **Station Road, Cheddleton, Leek,** Station Road, Cheddleton, Leek,  
**Staffordshire, ST13 7RS, UK** Staffordshire, ST13 7RS, UK

This is to certify that the applicant has submitted details of an adhesive (item number UK/3.18e) with low flame-spread characteristics and low smoke and toxic fume emissions known and designated as:-

**"Styccobond F46"**

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 61(67): Annex 1: Part 5 and Annex 2.
- IMO Resolution MSC 61(67): Annex 1: Part 2 and Annex 2.
- IMO MSC/Circ.1120

This certificate is issued on behalf of the Maritime and Coastguard Agency (MCA). The system complies with the relevant international testing standards under which legislation, The Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended by the Merchant Shipping (Marine Equipment) (Amendment etc.) (EU Exit) Regulations 2019 SI 2019/470 and Merchant Shipping Notice MSN 1874 Amendment 4 (M+F), the certificate is issued.

The manufacturer is allowed to affix the U.S. Coast Guard approval number 164.112/1121/WCL MER0401 as allowed by the Merchant Shipping (Marine Equipment) (Amendment) (UK and US Mutual Recognition Agreement) (EU Exit) Regulations 2019 SI 2019/1304 ('the Regulations') dated October 7th, 2019.



P. Duggan, Certification Manager  
Warringtonfire Testing and Certification Limited  
Holmesfield Road  
Warrington WA1 2DS

Date of issue: 01/01/2021  
Date of expiry: 08/04/2024

## 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		An adhesive (product reference "Styccobond F46"), applied to one face of a 20mm thick calcium silicate based board
Adhesive	Generic type	An acrylic based, pressure sensitive, flooring adhesive
	Trade name	"Styccobond F 46"
	Name of manufacturer	F Ball and Co. Ltd.
	Colour	"White"
	Specific gravity	1.0
	Application rate	310 to 330g per m <sup>2</sup>
	Application method	1.5mm by 5mm '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	"Glasroc S"
	Generic type	Calcium silicate based board which stated by the sponsor to comply with the requirements specified in Paragraph 3.3 of IMO Resolution A.653 (16) and corresponds to the standard substrate that should be used for assessing the performance of adhesives, as specified in Paragraph 3.1 of MSC/Circ.916: 4 <sup>th</sup> June 1999.
	Supplier	Kitsons Limited
	Thickness	20mm
	Density	Between 700 and 900kg/m <sup>3</sup>
	Flame retardant details	The substrate is inherently flame retardant
	Preparation details	None
Brief description of manufacturing process		The sponsor of the test was unwilling to provide this information

The under noted documents have been approved for compliance with the relevant requirements of International Conventions and The Merchant Shipping (Marine Equipment) Regulations 2016 SI 2016/1025 as amended, for use on Ships Registered in the United Kingdom.

### **Approved Documents - Test Reports**

- WF 153802, dated 24/04/06, Surface Flammability test to IMO Resolution MSC 61(67) Annex 1: Part 5.
- WF 153924, dated 12/05/06, Smoke and toxicity test to IMO Resolution MSC 61(67) Annex 1: Part 2.

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Note A: 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 approved body named on this certificate.

Note B: Should the specified Regulations or standards be amended during the period of validity of this certificate, the product(s) is/ are to be re-approved prior to it/ they being placed on the UK market and on board vessels to which the amended regulations of standards apply.

Note C: 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 Schedule 2 of the Merchant Shipping (Marine Equipment) Regulations 2016, as amended is fully complied with and controlled by a written inspection agreement with an approved body.

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