

Notified body No. 2812

## Certificate of Quality Assurance

**164.112/ERO2812/MED0496QA**

This is to certify that in compliance with the Council Directive 2014/90/EU of 23<sup>rd</sup> July 2014, on marine equipment and the Commission Implementing Regulation 2020/1170/EU of 16<sup>th</sup> July 2020, as amended, the product detailed below has been tested in accordance with the appropriate international instruments contained therein.

This certificate is issued to:

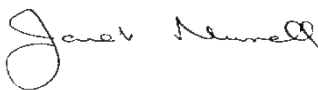
**F Ball and Co. Ltd  
Station Road, Cheddleton, Leek,  
Staffordshire, ST13 7RS, UK**

To certify also that a Surveyor representing Element Rotterdam did at their request attend at the works of F Ball and Co. Ltd on 8<sup>th</sup> January 2014 and annually thereafter for the purpose of examining the production and factory production control systems for this product.

**Product Description** - Acrylic Emulsion Based Adhesive  
**Product Type** - Item Number 3.18e: Adhesive  
**Reference** - "Styccobond F49 Hybrid PS"  
**Modules used** - (D)

The particulars of which are given on this certificate, to verify compliance with the requirements of the International Convention for the Safety of Life at Sea (SOLAS) 1974, incorporating amendments in effect July 1: 2009 Regulation II-2/3.

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 164.112/ERO2812/MED0496.



Janet Murrell  
Certification Manager - Marine

Date of issue: 2021-01-01  
Valid until: 2021-11-13

ERO project reference: **EROMED10217**  
**ERO EC Distinguishing No. 2812**

**Description of Product as Prototype Tested:**

The product is constructed as described in the test reports referenced in the following certificate.

<b>EC Type-Examination Certificate No.</b>	<b>Notified Body</b>	<b>Date of Issue</b>	
164.112/ERO2812/ MED496TE	Element Materials Technology Rotterdam BV	2021-01-01	
<b>Regulation No</b>	<b>Testing Standard</b>	<b>Result</b>	<b>Date</b>
II-2/3.	IMO Resolution MSC 307(88) Annex 1 Part 5	Pass	WF 372833, dated November 2016
	IMO Resolution MSC 307(88) Annex 1 Part 5	Pass	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.

**Marking & Identification affixed to the product:**

<b>Manufacturer Name</b>	F Ball and Co. Ltd.
<b>Manufacturer Address</b>	Station Road, Cheddleton, Leek, Staffordshire, ST13 7RS, UK
<b>Product Reference</b>	"Styccobond F49 Hybrid PS"
<b>Approved Authority</b>	Element Materials Technology Rotterdam BV

**Element Materials Technology Rotterdam BV**  
**Zekeringstraat**  
**1014 BV**  
**Amsterdam**  
**The Netherlands**

ERO EC Distinguishing No. 2812