

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 23rd July 2014, on marine equipment and the Commission Implementing Regulation 2021/1158/EU of 22nd June 2021, as amended, the product detailed below has been tested in accordance with the appropriate international instruments contained therein.

This certificate is issued to:

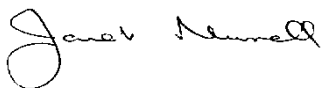
F Ball and Co. Ltd
Station Road, Cheddleton, Leek,
Staffordshire, ST13 7RS, UK

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

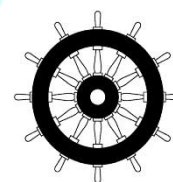
Product Description	- Acrylic Emulsion Based Adhesive
Product Type	- Item Number 3.18e: Adhesive
Reference	- "Styccobond F49 Hybrid PS"
Modules used	- (D)

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, II-2/5, II-2/9 and X3.

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 original issue: **2021-01-01**
Date of re-issue: **2021-11-12**
Valid until: **2026-11-11**

ERO project reference: **ERO 032647 P03**

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.

EC Type-Examination Certificate No.	Notified Body	Date of Issue
164.112/ERO2812/ MED496TE	Element Materials Technology Rotterdam BV	Original issue: 2021-01-01 Date of re-issue: 2021-11-12

Regulation No	Testing Standard	Result	Date
II-2/3, II-2/5, II-2/9 and X3.	IMO Resolution MSC 307(88) Annex 1 Part 5	Pass	WF 372833, dated November 2016
	IMO Resolution MSC 307(88) Annex 1 Part 2	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:

Manufacturer Name	F Ball and Co. Ltd.
Manufacturer Address	Station Road, Cheddleton, Leek, Staffordshire, ST13 7RS, UK
Authorised Representative	F. Ball and Co. (Europe) Limited. 109 Cork Street, Dublin 8, D08 X279, Republic of Ireland.
Product Reference	"Styccobond F49 Hybrid PS"
Approved Authority	Element Materials Technology Rotterdam BV

This certificate is not valid for equipment, the design or manufacture of which, has been varied or modified from the specimens tested.

This certificate does not entitle the use of the Mark of Conformity, without a valid module B certificate.

Element Materials Technology Rotterdam BV
Zekeringstraat
1014 BV
Amsterdam
The Netherlands

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