

Notified body No. 2812

Certificate of Quality Assurance

164.112/ERO2812/MED0493QA

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 2020/1170/EU of 16th 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:

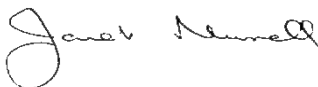
AFS BORU SANAYI A.S
İvedik Organize Sanayi Bölgesi,
1468. Cadde No:153, Ostim 06370,
Ankara, Turkey

To certify also that a Surveyor representing Element Rotterdam did at their request attend at the works of AFS BORU SANAYI A.S, İvedik Organize Sanayi Bölgesi, 1468. Cadde No:153, Ostim 06370, Ankara, Turkey on 13th July 2016 and annually thereafter for the purpose of examining the production and factory production control systems for this product.

Product Description - **Air duct insulation material**
Product Type - **Item Number MED/3.18f: Combustible Ducts**
Reference - **"SLEEVEAFS.B ECOSOFT MARINE"**
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 Regulation II-2/3, II-2/5, II-2/9 and X/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/ERO 2812/MED0493.



Janet Murrell
Certification Manager - Marine

Date of issue: 2021-01-01
Valid until: 2021-11-08

ERO project reference: **EROMED10006**
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
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164.112/ERO 2812/ MED0493TE	Element Materials Technology Rotterdam BV	2021-01-01
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Regulation No	Testing Standard	Result	Date
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II-2/3, II-2/5, II-2/9 and X/3	IMO Resolution MSC.307(88) Annex 1, Part 5	Pass	WF 369725 25/08/16 WF 369726 25/08/16
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IMO Resolution MSC.307(88) Annex 1, Part 2	Deemed to Satisfy	Smoke and Toxicity is satisfied by meeting the total heat release (Q_i) and peak heat release (Q_p) requirement as stated Paragraph 2.2 of Annex 2 to IMO Resolution MSC 307(88).
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Marking & Identification affixed to the product:

Manufacturer Name	AFS BORU SANAYI A.S.
Manufacturer Address	Ivedik Organize Sanayi Bölgesi 1468. Cadde No:153 OSTIM ANKARA
European Business Address	
Product Reference	"SLEEVEAFS.B ECOSOFT MARINE"
Approved Authority	Element Materials Technology Rotterdam BV

Element Materials Technology Rotterdam BV
Zekeringstraat
1014 BV
Amsterdam
The Netherlands

ERO EC Distinguishing No. 2812