

Notified body No. 2812

## Certificate of Quality Assurance

164.112/ERO2812/MED0494QA

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:

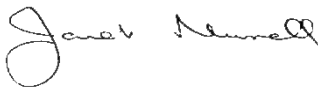
**AFS BORU SANAYI A.S**  
**İvedik Organize Sanayi Bölgesi,**  
**1468. Cadde No:153, Ostim 06370,**  
**Ankara, Turkey**

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 13<sup>th</sup> July 2016 and annually thereafter for the purpose of examining the production and factory production control systems for this product.

<b>Product Description</b>	- <b>Acoustically and thermally insulated flexible air duct</b>
<b>Product Type</b>	- <b>Item Number MED/3.18f: Combustible Ducts</b>
<b>Reference</b>	- <b>“SONOAFS-ALU.FB ECOSOFT MARINE”</b>
<b>Modules used</b>	- <b>(D)</b>

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/MED0494.



Janet Murrell  
Certification Manager - Marine

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

ERO project reference: **EROMED10008**  
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/MED0494TE                      Element Materials Technology  
Rotterdam BV                      2021-01-01

**Regulation No**                      **Testing Standard**                      **Result**                      **Date**

II-2/3,  
II-2/5,  
II-2/9  
and X/3                      IMO Resolution  
MSC.307(88) Annex  
1, Part 5                      Pass                      WF 369728                      25/08/16

IMO Resolution  
MSC.307(88) Annex  
1, Part 2                      Deemed to  
Satisfy                      Smoke and Toxicity is satisfied by  
meeting the total heat release ( $Q_t$ ) and  
peak heat release ( $Q_p$ ) requirement as  
stated Paragraph 2.2 of Annex 2 to IMO  
Resolution MSC 307(88).

**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  
**Product Reference**                      "SONOAFS-ALU.FB 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