



ECB CERTIFICATE OF CONFORMITY

CERTIFICATE NUMBER -21-12-2994-

European Certification Bureau Nederland BV, Notified Body 0614 for the Recreational Craft Directive declares that the product type as described below and specified in Annex I

Product name	AF-X Fireblocker Nano and Carbon
Product description	condensed aerosol fire extinguishing system automatically or manually activated
Manufacturers name	AF-X Systems B.V.
Manufacturers address	Impuls 20 1446 WX Purmerend The Netherlands

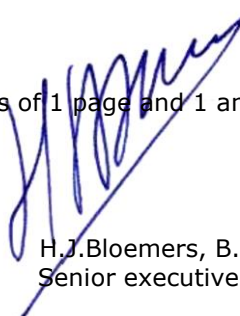
Is in compliance with the relevant requirements of NEN EN ISO 9094:2017 the European Recreational Craft Directive 2013/53/EU of November 20th, 2013. The product as assessed has been found to comply with the relevant parts of ISO standards and normative documents as listed in Annex I

Certification	Type approval
Design category	n/a
Issue date	10-December-2021

This certificate remains property of ECB Nederland BV and remains valid unless cancelled or revoked, provided the conditions of the certification contract remain complied with and the certified product is not modified.

This certificate consists of 1 page and 1 annex

For ECB Nederland,

Signature	
name	H.J. Bloemers, B.Eng
function	Senior executive





Annex I

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Main particulars of Certified product

Model	Dimensions (cm)	Extinguisher (kg)	Protected Volume (m ³)	fire class
Nano CS	Diam. 9,4 x 31	0,15	2,6	A & B
Nano CM	Diam. 9,4 x 45	0,45	7,2	A & B
Nano BM	25 x 25 x 30,4	2,55	42	A & B
Nano BL	25 x 25 x 30,4	3,9	72	A & B
Carbon CS	Diam. 9,4 x 31	0,72	5,5	A & B
Carbon CM	Diam. 9,4 x 45	1,42	11	A & B
Carbon BS	25 x 25 x 21,3	4,8	36,8	A & B
Carbon BM	25 x 25 x 30,4	9,6	73,6	A & B
Carbon BL	25 x 25 x 45,7	14,4	110	A & B

The Certified product has been assessed on basis of the following data:

Documentation as in ECB file: AFU-3666

Technical Documentation, as kept by the producer and as reported in final report '211201 rapport 1 AFU-3666'

The Certified product is found to comply with the following requirements:

- NEN EN ISO 9094:2017, Small craft - Fire protection

Applicable conditions:

The approved products are suitable for technical spaces in non-SOLAS small craft up to 24 meters Loa and max. space area of 64 m² and less than 6 m high (limited to aerosol generator and its performance).

The installation of the AF-X aerosol fire extinguishing systems on board a vessel is subject to the authorization of the manufacturer.

Design Density Class A & B AF-X Fireblocker Nano

55,4 gram per m³

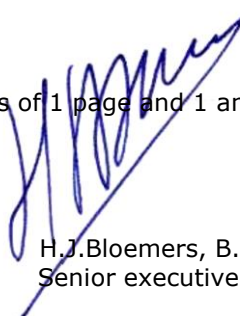
Design Density Class A & B AF-X Fireblocker Carbon

74,6 gram per m³

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Signature
name
function


H.J. Bloemers, B.Eng
Senior executive

