



Marine & Offshore  
Division

Certificate number: 22387/B0 EC

File number: ACI 1300/232/001

Annex A1 Item number: A.1/3.18a

*This certificate is not valid when presented without the full  
attached schedule composed of 7 sections*

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Notified Body 0062 - MARINE EQUIPMENT DIRECTIVE 96/98/EC

## EC TYPE EXAMINATION CERTIFICATE

as per Module B of European Union Council Directive 96/98/EC on marine equipment  
as amended by Commission Directive 2013/52/EU

*This certificate is issued to*

**IZOCAM TICARET VE SANAYI A.S.**

Gebze-Kocaeli - TURKEY

*for the type of product*

**SURFACE MATERIALS AND FLOOR COVERINGS WITH LOW FLAME-SPREAD  
CHARACTERISTICS: DECORATIVE VENEERS**

Izocam marine Firebatts 32-AI, 45-AI, 110-AI, 140-AI

### Requirements:

SOLAS 74 convention as amended, Regulations II-2/3, II-2/5, II-2/6, II-2/9, X/3

IMO Res. MSC.36(63) -(1994 HSC Code)- as amended, 7

IMO Res. MSC.97(73) -(2000 HSC Code)- as amended, 7

IMO Res. MSC.61(67)-(FTP Code) Annex 1 Part 2 and Part 5, Annex 2 with IMO MSC.307(88) (2010 FTP Code) article 8

IMO MSC/Circ.1120

*This certificate is issued on behalf of the French Maritime Authorities to attest that BUREAU VERITAS did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Council Directive 96/98/EC of 20 December 1996 as amended.*


**This certificate will expire on: 02 Jun 2020**

For BUREAU VERITAS Notified Body 0062,

At BV ISTANBUL, on 02 Jun 2015,

Gurcan Yilmaz



**This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.**

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. BUREAU VERITAS is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION:

"IZOCAM Marine Firebatts xx-AI" are made of rockwool covered on one face by an aluminium complex.

"IZOCAM Marine Firebatts"	32-AI	45-AI	110-AI	140-AI
Rockwool density (kg/m <sup>3</sup> )	32	45	110	140
Rockwool thickness (mm)	50, 60, 80 or 100	30, 40, 50 or 60	30, 40, 50 or 60	30

The aluminium complex consists of three layers:

- Aluminium: thickness 18µm, surface weight 49g/m<sup>2</sup>
- Glass fiber scrim 5x5mm: surface weight 15g/m<sup>2</sup>
- Polyethylene: thickness 25µm, surface weight 25g/m<sup>2</sup>

Aluminium complex surface weight: 89g/m<sup>2</sup>

The aluminium complex was tested applied on non-combustible material "IZOCAM Marine Firebatts 32" (thickness: 50mm, density 32kg/m<sup>3</sup>)

### 2. DOCUMENTS AND DRAWINGS :

Technical data sheet "AG 18-2/2-25" for article Alu/Scrim/PE dated 20/04/2006.

Technical data sheet "Izocam Marine Firebatts 32" dated 21/08/2009.

Technical data sheet "Izocam Marine Firebatts 45" dated 21/08/2009.

Technical data sheet "Izocam Marine Firebatts 110" dated 21/08/2009.

Technical data sheet "Izocam Marine Firebatts 140" dated 21/08/2009.

### 3. TEST REPORTS :

Test report N° 1631T08-2 as per IMO FTP Code Part 5 dated 24.11.2008 from Afiti Licof, Spain.

### 4. APPLICATION / LIMITATION :

4.1 - Approved for use as low flame-spread surface material. This product complies with FTP Code, Annex 1, Part 2 - Smoke and Toxicity Test.

4.2 - In application of FTP 2010 Code Annex 2 § 2.3, the product may be expected to satisfy the requirement of maximum gross calorific value (e.g. 45 MJ/m<sup>2</sup>) without further testing.

4.3 - The fitting aboard to be the same as used for the test.

4.4 - The insulating material (**Izocam Marine Firebatts 32, Izocam Marine Firebatts 45, Izocam Marine Firebatts 110 or Izocam Marine Firebatts 140**) shall have to comply with the requirements of MED 96/98/EC, as amended, and be wheelmarked.

### 5. PRODUCTION SURVEY REQUIREMENTS :

This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D "Production Quality Assurance" or E "Product Quality Assurance" or F "Product Verification" of Annex B of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

### 6. MARKING OF PRODUCT :

Markings as per MED 96/98/EC :

☒ YYYY/XX where YYYY is the number of the Notified Body undertaking surveillance module (when BV, 0062) and where XX are the last two digits of year mark affixed.

### 7. OTHERS :

7.1 - This approval is given on the understanding that the manufacturer will accept full responsibility for informing shipbuilders or their sub-contractors of the proper methods of fitting and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This Certificate supersedes EC Type Examination Certificate n° 22387/A1 EC issued on 12 Feb. 2014 by the Society.

\*\*\* END OF CERTIFICATE \*\*\*