



GOBIERNO  
DE ESPAÑA

MINISTERIO  
DE INDUSTRIA, ENERGÍA  
Y TURISMO

MINISTRY OF INDUSTRY, TOURISM AND TRADE  
LICOF: Official Laboratory for Fire Testing  
R.D. 1614/1985 on 1st of August  
M.O. on 21st of May of 1991



**AFITI**  
**LICOF**

Centre for Fire Testing  
and Research

Association for the Promotion of Research and Fire Safety Technology

# Classification Report

## Fire Resistance Laboratory



### APPLICANT:



BACH, Barreras de Aislamiento y  
Control de Humos, S.L

### CLASSIFICATION OF FIRE RESISTANCE ACCORDING TO STANDARD UNE-EN 13501-2:2009+A1:2010

- Element: **Rolling shutter assembly**
  - Manufacturer: BACH, Barreras de Aislamientos y Control de Humos, S.L.
  - Reference: **“BACH FIRE H”**

**Simplified Classification Report**  
**Nr 8629/11-5 (S)**

Translation of original Spanish Report  
English Version  
Page 1 of 6

## CLASSIFICATION OF FIRE RESISTANCE ACCORDING TO EN 13501-2:2007+A1:2009

**Applicant:** **BACH, Barreras de Aislamiento y Control de Humos, S.L**  
Pol. Industrial Pinares Llanos.  
Camino de Pinares Llanos, nº 5  
28670 - Villaviciosa de Odón MADRID  
SPAIN

**Issuing Laboratory:** **AFITI-LICOF**  
Notified Body nr.: 1168

**Building Element:** **Horizontal rolling shutter assembly**

Manufacturer: BACH, Barreras de Aislamiento y Control de Humos, S.L  
Reference: "BACH FIRE H"



### Report Contents

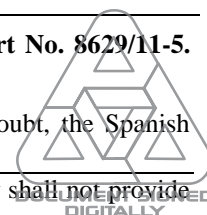
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**This Classification Report includes in a simplified way the content of the Classification Report No. 8629/11-5. Complete information regarding the classification is available to the applicant.**

This report is a translation of the Spanish Classification Report dated 04<sup>th</sup>-Nov-15. In case of doubt, the Spanish version of the Classification Report prevails

The information held in this Classification Report is of a confidential nature, meaning the Laboratory shall not provide information in relation to this report to third parties, except with the authorisation of the Applicant.

It is not allowed to reproduce partially this Classification Report without Laboratory's written approval.



## 1.- AIM OF THE REPORT

This Classification Report defines the classification of the Fire Resistance assigned to the rolling shutter assembly called by the applicant as “**BACH FIRE H**”, in accordance with the procedures given in the standard EN 13501-2:2007+A1:2009 “*Fire classification of construction products and building elements. Part 2: Classification using data from fire resistance tests, excluding ventilation services*”.

## 2.- DETAILS OF THE CLASSIFIED ELEMENT

The element “**BACH FIRE H**” is defined as “Fire Door”. Its function is to resist the fire with regard to the characteristics of the fire performance given in the paragraph 5 of the standard EN 13501-2:2007+A1:2009.

The element is fully described in the test report on which this classification is based. The said report is identified in the chapter 3 of this report.

## 3.- TEST REPORTS AND RESULTS IN SUPPORT OF THIS CLASSIFICATION

### Reports

Issuing laboratory	Applicant	Report	Test method
<b>AFITI-LICOF</b> Camino del Estrechillo nº 8 28500 - Arganda Del Rey (MADRID) SPAIN Notified Body nr.: <b>1168</b>	<b>BACH, Barreras de            Aislamiento y Control de            Humos, S.L.</b> Pol. Industrial Pinares Llanos. Camino de Pinares Llanos, nº 5 28670 - Villaviciosa de Odón MADRID SPAIN	Nr.: <b>8629/11-4</b>  D. of issue: 25 <sup>th</sup> -Oct-12 Test date: 28 <sup>th</sup> -Nov-11	EN 1634-1:2008

### Exposure conditions

Temperature curve / time:	Standard
Nr of exposed sides:	One
Direction of exposure:	Lower part. Casings Unexposed to fire.



**Test Results**

		Specimen nr <b>8629A</b>
<b>Integrity (E)</b>	.....	<b>120 minutes<sup>(S)</sup></b>
<u>Criterio de comportamiento</u>		
Cotton pad	Ignition or combustion without the flame from the cotton pad. ....	120 minutes <sup>(S)</sup>
Gap gauges Ø 6 mm	Crack openings in the specimen which let the gauge go through and move along the opening for more than 150 mm. ....	120 minutes <sup>(S)</sup>
Gap gauges Ø 25 mm	Crack openings in the specimen which let the gauge go through ....	120 minutes <sup>(S)</sup>
Sustained flames > 10 s	Appearance of sustained flames on the unexposed side of the specimen with duration of more than 10 s. ....	120 minutes <sup>(S)</sup>
<b>Radiation (W)</b>	.....	<b>47 minutes<sup>(E)</sup></b>
<u>Performance criterion</u>		
Maximum radiation ≤ 15kW/m <sup>2</sup>	.....	47 minutos <sup>(E)</sup>

(S): End of the test by mutual agreement with the applicant.

(E): End of the assessment of the specimen.

**4.- CLASSIFICATION AND FIELD OF APPLICATION**

4.1.- CLASSIFICATION STANDARD

This classification has been carried out in accordance with the paragraph 7.5.5 of the standard EN 13501-2:2007+A1:2009.

4.2.- CLASSIFICATION

The element “**BACH FIRE H**” is classified according to the following combination of performance parameters and classes.  
Other classifications are not admitted.

<b>Fire Resistance Classification</b>	<b>E 120</b>	<b>EW 30</b>
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4.3.- FIELD OF APPLICATION

The test results and classifications obtained are equally valid for variations in the tested product “**BACH FIRE H**” set out in Chapter 13 of the EN 1634-1:2008, without any requirement of execution of further tests.



## 5.- LIMITATIONS

This report does not represent type approval or certification of the element.

Arganda del Rey, 04<sup>th</sup> November of 2015

A digital signature in purple ink, appearing to read "Magde", is written over a large, faint version of the AFITI LICOF logo. Below the signature and logo, the text "Documento Firmado Digitalmente" is printed in a small, grey font.

Signed: Magdalena Villegas Barranco  
Technical Director of Fire  
Resistance Laboratory



**Tomás de la Rosa Sánchez**, General Manager of AFITI declares:

- That AFITI (Association for the Promotion of Research and Fire Safety Technology), is a non profit-making association.
- That the ownership of LICOF (Centre for Fire Testing and Research) is of Ministry of Industry, Energy and Tourism, by R.D. 1614/85 and O.M. on 21st May 1991, corresponding, by agreement, the management to AFITI.
- That LICOF is the Fire Testing and Research Center corresponding to the Technical Unit of Test accredited by the National Accreditation Body (ENAC), to act under file Nr. 41/LE104.



Signed: Tomás de la Rosa Sánchez  
General Manager

Recognition / Accreditation: MINISTRY OF INDUSTRY, ENERGY AND TOURISM, MINISTRY OF PUBLIC WORKS, ENAC, IMO & VKF-AEAI.

Notify Body: NOTIFY BODY TO THE EUROPEAN COMMISSION WITH NR. 1168.

Member of: AELAF, AENOR, ASELF, AIDICO, EGOLF & NFPA.

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