

---

**Title:**

Test report for the determination of the fire resistance of sealing devices for the waterproofing of holes in concrete walls, exposed to fire on one side, according to the European Standard EN 1363-1:2020: "Fire resistance test. Part 1: General Requirements" (equivalent to DIN 1363-1:2020).



---

**Tested material:**

- Six sealing devices type RiveStop with references RSP17070SS17, RSP27055SS28 and RSP21070SS21.

References provided by the sponsor.

The test specimens have been provided by RiveStop Systems, S.L.

---

**File number: 21/25151-1045 (EN)**

This report, issued on 18<sup>th</sup> May 2021, is the English version of the original Spanish report 21/25151-1045.

In the event of litigation, the original version will be valid.

---

**Sponsor:**

RiveStop Systems, S.L.

Ubilluts Auzunea 11

20140 Andoain

Gipuzkoa

**Report date:**

18<sup>th</sup> May 2021

**Tested on:**

28<sup>th</sup> April 2021

---

**The reproduction of this document is only authorised if it is made in its totality. Electronically signed reports in digital format are considered original documents, as well as their electronic copies. Their printing has no legal validity.**

**This document contains 26 pages of which 18 are annexes.**

5.5 **Table of results:**

	<b>Results (min)</b>	<b>Reason</b>
<b>Integrity</b>	240	It is maintained throughout the entire test.
<b>Thermal insulation</b>	240	It is maintained throughout the entire test.

**This test report details the method of construction, the test conditions and the results obtained when the specific element of construction described herein was tested following the procedure outlined in EN 1363-1, and where appropriate EN 1363-2. Any significant deviation with respect to size, constructional details, loads, stresses, edge or end conditions other than those allowed under the field of direct application in the relevant test method is not covered by this report.**

**Because of the nature of fire resistance testing and the consequent difficulty in quantifying the uncertainty of measurement of fire resistance, it is not possible to provide a stated degree of accuracy of the result.**



Digitally signed by  
Daniel Sangorrin Burrueco

Fire Resistance Testing Technician  
LGAI Technological Center, S.A.



Digitally signed by  
Albert Ger Castillo

Fire Laboratory Responsible  
LGAI Technological Center, S.A.

The results of the tests carried out refer only and exclusively to the samples tested, and in the moment and under the conditions indicated herein.

LGAI Technological Center, S.A. is not responsible for the information supplied by the sponsor.

**Service Quality Guarantee**

**Applus+**, guarantees that this task has been carried out following the exigencies of our Quality and Sustainability System, complying with the contractual conditions and legal regulation.

Within the framework of our improvement programme, we appreciate any comment you may deem appropriate, addressing them to the responsible who signs this document or to the Quality Director of Applus+, to the e-mail address: [satisfaccion.cliente@applus.com](mailto:satisfaccion.cliente@applus.com)