

Report number 17_31704069

TEST REPORT

Environmental tests

Petitioner's reference:

Customer's address: **JABE CAUCHOS Y DERIVADOS**
Polígono Industrial 55 Karrika
20140 Andoain (Guipúzkoa)
Spain

Tested equipment: Equipment

Brand:	brand	Designation	designation
Reference:	Reference	Internal ident. no.:	series

Technician: Carles Llauradó

Standard applied:

Procedure: Water-tightness pressure test instruction RIVESTOP dated 27/03/2017.

Standard: ---

Test compliant: ---

Date of issue: Bellaterra, November, 29th 2017

Antonio Algar Espejo
Product Manager
Environmental Laboratory
LGAI Technological Center S.A.

The results refer exclusively to the sample, product, or material delivered to the Laboratory, as indicated in the paragraph pertaining to materials received and tested under the conditions established in the Standards mentioned in this document.

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1. GENERAL TEST CONFIGURATION

1.1. DESCRIPTION OF THE MATERIAL RECEIVED				
EQUIPMENT	BRAND	REFERENCE	S/N	DESIGNATION
RIVESTOP test tube	JABE	D21x48PS	1-2-3-4-5	5207/6 to 5207/10

Date on which the samples were received: 19-06-2017
Test start date: 27-06-2017
Test completion date: 04-07-2017

1.2. VERDICTS OF THE PARAGRAPHS

The paragraph does not apply to the tested sample	NA (Not Applicable)
The sample complies with the requirements in paragraph	P (Passes)
The sample does not comply with the requirements in paragraph	F (Fails)
It has not been possible to evaluate the requirements in the paragraph	NT (Not Tested)
Remark on results of paragraph (number)	OBS (Observation)

Service Quality Guarantee

Applus+, guarantees that this study was conducted in accordance with the requirements of its Quality and Sustainability System and in compliance with the contractual conditions and legal provisions.

In the framework of our improvement programme, we would appreciate any comments you may deem appropriate. These should be addressed to the manager who signs this document, or to the Quality Director of Applus+, at the following address: satisfaccion.cliente@applus.com

2. TEST DETAILS

2.1. RIVESTOP WATER-TIGHTNESS PRESSURE TEST

ENVIRONMENTAL CONDITIONS (23°C ± 5°C, <60% RH)

Temperature (°C): 25 °C
Relative humidity (%): 48%

Test start date: 27-06-2017
Test end date: 04-07-2017

TESTING DEVICES

Type and Equipment number	Brand	Model and S/N	Date calibration	Next calibration
Pressure equipment	IPT	1370-0001 S/N: 409049	N/A	N/A
Pressure sensor CL110610	PCE	PCE-910 S/N: H230188	August 2016	August 2017

PURPOSE OF THE TEST

Product self-compliance.

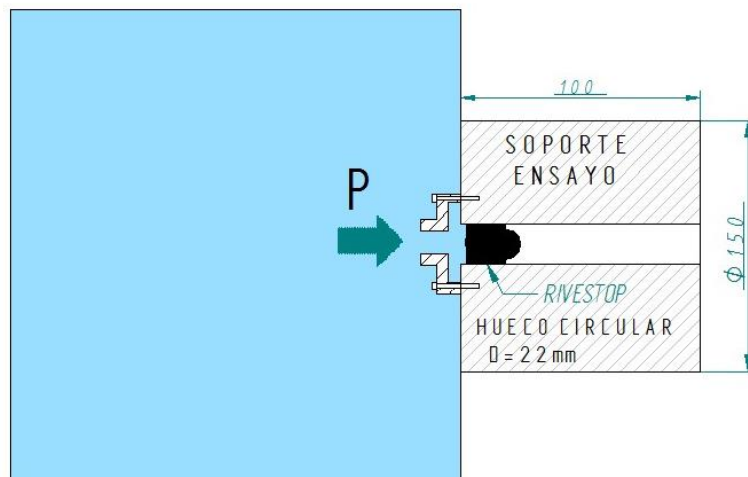
PARTICULAR SPECIFICATION

Test conducted in accordance with procedure: RIVESTOP water-tightness pressure test instruction.

REMARKS / COMMENTS OF INTEREST

PARAG.	REQUIREMENT - TEST	RESULT - NOTE	VERDICT
TEST			
	The test pressure on the test tube to be tested will be positive, as shown on the attached diagram.	-----	P
	All the supports will be sent from Jabe with the Rivestop devices already applied to the cylindrical holes of the supports	-----	P
	Make the connection with the male hose gas fitting with a thread of 1/2" (see diagram).	-----	P
	Execute hydraulic mounting to test five test tubes simultaneously at the pressure intervals indicated in the above chart.	-----	P
	Before the test, the samples are conditioned for at least 24 hours at 23°C and 50% RH	23° C and 50% HR.	P
	The test will be conducted at room temperature.	-----	P
	Testing fluid	Deionised water	P
	Pressure cycle: sample D21x48PS	1 Bar 24h 3 Bar 24h 5 Bar 72h	P
	Support opening diameter	22 mm	P
INITIAL MEASUREMENTS			
	Visual inspection	No visual faults were detected.	P
	Electrical verification.	-----	NA
	Mechanical verification.	-----	NA
FINAL MEASUREMENTS			
	Visual inspection	No visual faults were detected.	P
	Mechanical verification.	No movement or deformation of the RIVESTOPS was observed.	P
	Hydraulic verification.	No leaks were detected during the tests.	P

TEST DIAGRAMS



3. RESULTS

The samples correctly passed the tests.

Model D21x48PS: Test pressure 5 bar, no leaks or changes detected during the tests. No movement or deformation of the RIVESTOPS was observed.

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4. ANNEXES



Picture 1 IPT testing device



Picture 2 Mounting and execution of tests on five D21x48PS samples