



DECLARATION OF PERFORMANCE No. 4

1. PRODUCT FEATURES

- a. Hermetic and watertight mechanical sealing system, with EPDM rubber parts, for concrete gaps that offers maximum waterproofing in those projects in which RIVESTOP is applied.

2. PRODUCT IDENTIFICATION CODE

2.1. PS RANGE (Plastic + Stainless Steel) 2.2. SS RANGE (Stainless Steel + Stainless Steel) FROM 5 BARS

Article code
RS17048PS17
RS21033PS24
RS21048PS24
RS24050PS30
RS24050PS24
RS27050PS30

Article code
RS17048SS17
RS21033SS24
RS21033SS21
RS21048SS24
RS21048SS21
RS24050SS27
RS24050SS24
RS27050SS30
RS27050SS28
RS30066SS30

2.3. SS RANGE (Stainless Steel + Stainless Steel) of 5 BARS. Max pressure supported 8 BARS

Article code
RSP17070SS17
RSP17070SS24
RSP21070SS21
RSP21070SS24
RSP24070SS24
RSP24070SS27

3. INTENDED USE

- a. Patented mechanical system for sealing the concrete formwork cavity for 100% waterproofing, liquid-tight sealing and savings of over 90% in labor costs.



4. MATERIALS AND COMPOSITION

References	Body	Rivet	Stem		Washer	
	Rubber	Aluminum	Stainless steel	Galvanized steel	Thermoplastic	Stainless steel
PS range	✓	✓	✓		✓	
SS range	✓	✓	✓			✓

Color	Body	Rivet and stem	Washer
	Black	Metal	Grey

• Other washer colors on request.

RIVET BODY:

ALUMINIUM

PIECE BODY:

EPDM RUBBER

ROD OPTIONS:

S – STAINLESS STEEL A4

WASHER OPTIONS:

S – STAINLESS STEEL A2

P - THERMOPLASTIC PA



5. TECHNICAL CHARACTERISTICS

RIVESTOP PS RANGE								
Article code	Description	Dimensions				Valid for bore inner diameter range of (mm)	Weight (g)	Pressure resistance (bar)
		Body diameter of rubber (mm)	Rubber body length (mm)	Overall length incl. shank (mm)	Washer diameter abroad (mm)			
RS17048PS17	D17x48PS IN	17	48	85	17	18-21	17	5
RS21033PS24	D21x33PS OUT	21	33	69	24	22	17	5
RS21048PS24	D21x48PS OUT	21	48	85	24	22-24	23	5
RS24050PS24	D24x50PS IN	24	50	85	24	25-28	31	5
RS24050PS30	D24x50PS OUT	24	50	85	30	25-28	32	5
RS27050PS30	D27x50PS OUT	27	50	85	30	28-30	40	5

RIVESTOP SS RANGE – 5 BARS								
Article code	Description	Dimensions				Valid for bore inner diameter range of (mm)	Weight (g)	Pressure resistance (bar)
		Diameter of the body rubber (mm)	Rubber body length (mm)	Overall length incl. shank (mm)	Washer diameter abroad (mm)			
RS17048SS17	D17x48SS IN	17	48	85	17	18-21	20	5
RS21033SS24	D21x33SS OUT	21	33	69	24	22	22	5
RS21033SS21	D21x33SS IN	21	33	69	21	22	20	5
RS21048SS24	D21x48SS OUT	21	48	85	24	22-24	28	5
RS21048SS21	D21x48SS IN	21	48	85	21	22-24	26	5
RS24050SS27	D24x50SS OUT	24	50	85	27	25-28	38	5
RS24050SS24	D24x50SS IN	24	50	85	24	25-28	38	5
RS27050SS30	D27x50SS OUT	27	50	85	30	28-30	47	5
RS27050SS28	D27x50SS IN	27	50	85	27	28-30	45	5
RS30066SS30	D30x66SS IN	30	66	104	30	31-35	56	5



RIVESTOP SS RANGE – RSP VERSION 5 BARS. MAX SUUPORTED PRESSURE 8 BARS								
Article code	Description	Dimensions				Valid for bore inner diameter range of (mm)	Weight (g)	Pressure resistance (bar)*
		Body diameter of rubber (mm)	Rubber body length (mm)	Overall length incl. shank (mm)	Washer diameter abroad (mm)			
RSP17070SS17	D17x70 SS IN	17	70	106	17	17,5 - 22	27	5
RSP17070SS24	D17x70 SS OUT	17	70	106	24	17,5 - 22	30	5
RSP21070SS21	D21x70 SS IN	21	70	106	21	22 - 24	38	5
RSP21070SS24	D21x70 SS OUT	21	70	106	24	22 - 24	39	5
RSP24070SS24	D24x70 SS IN	24	70	106	24	25-28	50	5
RSP24070SS27	D24x70 SS OUT	24	70	106	27	25-28	52	5

Notes: * Pressure is measured by placing RiveStop on the inside of the tank in contact with the water. See image

Notes: * Maximum pressure rating is 8 bar for RSP references.

6. MANUFACTURER CONTACT

RiveStop System, SL

Ubilluts Auzunea, 11

T: (00) 34 943.47.35.72

20140 Andoain (Gipuzkoa)

E: rivestop@rivestop.com

Spain

W: www.rivestop.com

7. EVALUATION AND VERIFICATION SYSTEM

System 4 according to Annex V of Regulation (EU) No 305/2011 of the European Parliament, establishing harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC.



8. DETAILS OF BENEFITS

a. RIVESTOP PS RANGE

CHARACTERISTICS	EUROPEAN STANDARD	LABORATORY	RESULT
Water tightness test		Applus Laboratories	5 bars
Aging test		Applus Laboratories	No ageing defects detected
Radon tightness (R>3 required)		IAF Radiology GmbH	$3.70 < R < 6.51$
Airborne noise insulation	EN – ISO 10140-2	R&D Department RiveStop	Identical insulation in unperforated wall vs. perforated wall sealed with RIVESTOP
Fire resistance	IN 1363 – 1	Applus Laboratories	Equivalent to EI 240

b. RIVESTOP SS RANGE

CHARACTERISTICS	EUROPEAN STANDARD	LABORATORY	RESULT
Water tightness test		R&D Department RiveStop	5 bars
Aging test		R&D Department RiveStop	No aging defects detected
Radon tightness (required R>3)		R&D Department RiveStop	$3.70 < R < 6.51$
Airborne noise insulation	EN – ISO 10140-2	R&D Department RiveStop	Identical insulation in unperforated wall vs. perforated wall sealed with RIVESTOP
Fire resistance	IN 1363 – 1	Applus Laboratories	Equivalent to EI 240

c. PRODUCT RANGE RIVESTOP SS RSP VERSION

CHARACTERISTICS	EUROPEAN STANDARD	LABORATORY	RESULT
Water Tightness test		R+D RiveStop	5 bars (EU TEST)*
Test of durability		R+D RiveStop	No aging defects are detected
Radon Tightness (required R>3)		IAF Radioökologie GMBH	$3,70 < R < 6,51$
Acoustic resistance	EN – ISO 10140-2	R+D RiveStop	Identical insulation in unperforated wall vs perforated wall and sealed with RIVESTOP
Concrete capillary penetration	EN 12390 – 8	Applus Laboratories	SUITABLE
Fire Resistance	EN 13501 – 1:2007+ A1:2010	Applus Laboratories	Equivalent to EI 240

* Maximum pressure supported 8 bars



Note: The capillarity certificates for RS24070SS24 are valid for both RSP24070SS24 and RSP24070SS27. If a test or certificate has been performed for an INT or EXT version of the part, it is also valid for the other version, since the diameter, length and materials used in the RiveStop SL system determine the behavior of the part. It does not matter whether it is an INT or EXT part.

Note: Fire resistance certificate for RSP17070SS17 is valid for both, RSP1707SS17 and RSP17070SS24. Fire resistance certificate for RSP21070SS21 is valid for both, RSP21070SS21 and RSP21070SS24. Fire resistance certificate for RS24070SS24 is valid for both RSP24070SS24 and RSP24070SS27. If a test or certificate has been performed for an INT or EXT version of the part, it is also valid for the other version, since the diameter, length and materials used in the RiveStop SL system determine the behavior of the part. It makes no difference whether it is an INT or EXT part.

Note: The acoustic and radon test certificates available for some RiveStop references (Acoustics: Test Report _ RiveStop _ Sound Insulation _ No. B2017-LACUS-IN-23_En. pdf | Radon: Test Report _ RiveStop _ Radon Diffusion Coefficients & Radon Diffusion Length _ No. 18078-4.pdf) can be extended to the full range of references, including adding here MX15, RSP24070SS24, RSP24070SS27, RSP26070SS26 and RSP26070SS30 plugs. The larger the diameter and/or length of the part, the better the test result.

Note: Any test performed with PS parts can be extended to SS parts and vice versa. Similarly, any test performed with OUT version parts can be extended to IN versions, and vice versa.

9. TRUTHFULNESS OF THE INFORMATION

The stated values are guided values based on statistical quality controls and external and internal tests. The state of the art, standards, regulations and directives must be considered with regards to applicability for the stated purposes of use and processing.

No liability can be derived from the information provided. The manufacturer reserves the right to make technical changes to this document. For legal purposes, only the original English version is relevant.

The performance of the RIVESTOP products identified in point 2 is in accordance with the performance declared in point 8.

This declaration of performance is issued under the responsibility of the manufacturer's contact identified in point 6.



EDORTA PIPE
Quality Director

Andoain, Spain, August the 28th, 2025