RiveStop System

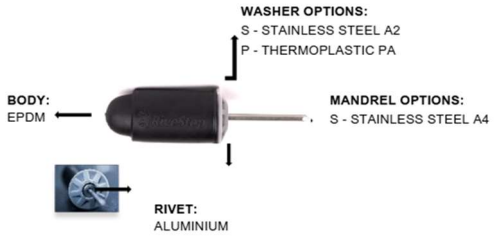
Rev. Date: 24/04/2025

TECHNICAL DATASHEET RIVESTOP

Patented mechanical system for an hermetic and watertight seal of formwork tie holes

1. MATERIALS AND COMPOSITION

References	Body	Rivet	Mandrel	Washer	
	Rubber	Aluminium	Stainless Steel	Thermoplastic	Stainless Steel
PS	✓	✓	✓	✓	
SS	✓	✓	✓		✓



Colour	Body	Rivet & Mandrel	Exterior finish
	Black	Metallic	Grey

· Other colours for exterior's finishing under request.

2. TECHNICAL SPECIFICATIONS

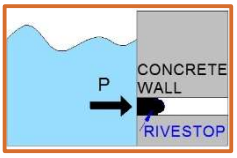
RIVESTOP PS								
Article code	Description	Dimensions				Valid for tie hole's inner diameter range of (mm)	Weight (g)	Pressure resistance (bar)*
		Rubber body diameter (mm)	Rubber body length (mm)	Total length including mandrel (mm)	Outer washer diameter (mm)			
RS17048PS17	D17x48PS - INNER SEAL	17	48	85	17	18-21	18	5
RS21033PS24	D21x33PS - OUTER SEAL	21	33	69	24	22	17	5
RS21048PS24	D21x48PS - OUTER SEAL	21	48	85	24	22-24	23	5
RS24050PS24	D24x50PS - INNER SEAL	24	50	85	24	25-28	30	5
RS24050PS30	D24x50PS - OUTER SEAL	24	50	85	30	25-28	32	5
RS27050PS30	D27x50PS - OUTER SEAL	27	50	85	30	28-30	36	5

RIVESTOP SS								
Article code	Description	Dimensions				Valid for tie hole's inner diameter range of (mm)	Weight (g)	Pressure resistance (bar)*
		Rubber body diameter (mm)	Rubber body length (mm)	Total length including mandrel (mm)	Outer washer diameter (mm)			
RS17048SS17	D17x48SS - INNER SEAL	17	48	85	17	18-21	20	5
RS21033PS24	D21x33PS - OUTER SEAL	21	33	69	24	22	17	5
RS21033PS21	D21x33PS - INNER SEAL	21	33	69	21	22	17	5
RS21048SS24	D21x48SS - OUTER SEAL	21	48	85	24	22-24	27	5
RS21048SS21	D21x48SS - INNER SEAL	21	48	85	21	22-24	25	5
RS24050SS27	D24x50SS - OUTER SEAL	24	50	85	27	25-28	40	5
RS24050SS24	D24x50SS – INNER SEAL	24	50	85	24	25-28	39	5
RS27050SS30	D27x50SS – OUTER SEAL	27	50	85	30	28-30	47	5
RS27050SS28	D27x50SS – INNER SEAL	27	50	85	27	28-30	45	5
RS30066SS30	D30x66SS – INNER SEAL	30	66	104	30	31-35	56	5

RIVESTOP SS								
Article code	Description	Dimensions				Valid for tie hole's inner diameter range of (mm)	Weight (g)	Pressure resistance (bar)*
		Rubber body diameter (mm)	Longitud del cuerpo de caucho (mm)	Longitud total incl. vástago (mm)	Rubber body diameter (mm)			
RSP17070SS17	D17x70 SS - INNER SEAL	17	70	120	17	17,5 - 22	28	8
RSP17070SS24	D17x70 SS - OUTER SEAL	17	70	120	24	17,5 - 22	28	8
RSP21070SS21	D21x70 SS - INNER SEAL	21	70	120	21	22 - 24	35	8
RSP21070SS24	D21x70 SS - OUTER SEAL	21	70	120	24	22 - 24	35	8
RSP24070SS24	D24x55 SS- INNER SEAL	24	70	120	27	25-28	44	8
RSP24070SS27	D24x55 SS - OUTER SEAL	24	70	120	24	25-28	42	8

Notes:

* The pressure resistance has been measured by placing RiveStop on the inside of the tank in contact with the water. "Water side", (please see image on the right):



3. INSTALLATION TOOLS FOR RIVESTOP

MANUAL RIVETING MACHINE				
Article code	Description	Dimensions		Weight (kg)
		Head's diameter (mm)	Total length (mm)	
RMM001	RIVESTOP MANUAL RIVETER	24	293	1.80



ELECTRIC RIVET GUN				
Article code	Description	Dimensions		Weight (kg)
		Head's diameter (mm)	Total length (mm)	
M71126	RIVESTOP ELECTRIC RIVETER 1 battery + 1 battery charger	22.5	280	2



· **Use nozzle inner Ø diameter of 3.2-3.7mm.**

· Also available Electric Rivet gun with 2 batteries + 1 battery-charger.

4. PACKAGING, PRESENTATION AND STORAGE

· RiveStop is supplied in plastic buckets (Polypropylene) of different sizes: medium bucket (11 L) and large bucket (25 L).

· It must be stored in its original packaging, hermetically sealed until use. Protected from the direct action of sunlight and rain.



5. INSTALLATION AND APPLICATION

· RiveStop is supplied ready to be used.

· For further information about installation please read document*: "Installation Manual RiveStop".*