

Technical Data Sheet FloDrain Roof Outlets

Product Description / Use:

FloDrain rainwater outlets are designed for vertical drainage on flat roofs with either MOY reinforced bitumen waterproofing, or single ply membrane.

Materials:

Spigot: High quality stainless steel

Flange: To match waterproofing membrane, either SBS bitumen membrane or PVC* single ply membrane.

** Other non-standard flanges may be available on request (e.g. TPO)*

Benefits:

- High quality 400mm or 600mm long spigot manufactured from stainless steel
- Factory bonded flange to match specific membrane material being used (material must be specified at time of order)
- Membrane attached to the outlet allows for easy installation
- Suitable for use in both new build or refurbishment applications
- Flush finish - minimal risk of ponding
- O-ring seal supplied for refurbishment application - provides excellent seal whilst still allowing for movement



Certification:



Application:

Installation and application must be conducted in accordance with MOY installation guidelines, current industry standards and compatibility with the roof membrane must be ensured.



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Product Selection:



Outlet flow rates with leafguards are based on a water depth of 35mm above the invert level of the outlet as recommended by UK design standard BS EN 12056-3:2000. If required, greater flow rates can be achieved if the outlets are sumped - please request a rainwater calculation by MOY Technical Services.

400mm Spigot:

Product Code	Flow Rate including FarBo Leafguard type l/sec		Outlet drain (mm)	To suit pipe size (mm) <small>Where outlet is inserted into existing pipe in refurbishment situations</small>	O-ring seal diameter (mm)	Membrane Attachment	
	Universal	Cascade				Type	Size (mm)
SBS Flange							
FO-FLO-40-SBS	0.92	no guard	40	45-50	5	Bituminous	500 x 500
FO-FLO-50-SBS	0.90	1.70	50	58-64	8	Bituminous	500 x 500
FO-FLO-62-SBS	1.65	3.00	62	70-76	8	Bituminous	500 x 500
FO-FLO-70-SBS	2.55	3.01	70	75-78	5/UF-3	Bituminous	500 x 500
FO-FLO-75-SBS	2.98	5.00	75	82-97	8/12	Bituminous	500 x 500
FO-FLO-90-SBS	3.48	8.10	90	98-108	10	Bituminous	500 x 500
FO-FLO-95-SBS	4.08	8.17	95	102-109	8/UF-4	Bituminous	500 x 500
FO-FLO-110-SBS	3.94	10.70	110	120-128	10	Bituminous	500 x 500
FO-FLO-125-SBS	5.30	6.89	125	135-143	10	Bituminous	500 x 500
FO-FLO-145-SBS	5.48	6.66	145	150-153	5/UF-6	Bituminous	500 x 500
FO-FLO-160-SBS	6.76	7.21	160	170-178	10	Bituminous	500 x 500
PVC Flange (Dark Grey)							
FO-FLO-40-PVC DK GREY	0.92	no guard	40	45-50	5	Dark grey PVC	350 x 350
FO-FLO-50-PVC DK GREY	0.90	1.70	50	58-64	8	Dark grey PVC	350 x 350
FO-FLO-62-PVC DK GREY	1.65	3.00	62	70-76	8	Dark grey PVC	350 x 350
FO-FLO-70-PVC DK GREY	2.55	3.01	70	75-78	5/UF-3	Dark grey PVC	350 x 350

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FO-FLO-75-PVC DK GREY	2.98	5.00	75	82-97	8/12	Dark grey PVC	350 x 350
FO-FLO-90-PVC DK GREY	3.48	8.10	90	98-108	10	Dark grey PVC	350 x 350
FO-FLO-95-PVC DK GREY	4.08	8.17	95	102-109	8/UF-4	Dark grey PVC	350 x 350
FO-FLO-110-PVC DK GREY	3.94	10.70	110	120-128	10	Dark grey PVC	350 x 350
FO-FLO-125-PVC DK GREY	5.30	6.89	125	135-143	10	Dark grey PVC	350 x 350
FO-FLO-145-PVC DK GREY	5.48	6.66	145	150-153	5/UF-6	Dark grey PVC	350 x 350
FO-FLO-160-PVC DK GREY	6.76	7.21	160	170-178	10	Dark grey PVC	350 x 350

600mm Spigot:

Product Code	Flow Rate including FarBo Leafguard type l/sec		Outlet drain (mm)	To suit pipe size (mm) Where outlet is inserted into existing pipe in refurbishment situations	O-ring seal diameter (mm)	Membrane Attachment	
	Universal	Cascade				Type	Size (mm)
SBS Flange							
FO-FLO-62/600-SBS	1.65	3.00	62	70-76	8	Bituminous	500 x 500
FO-FLO-75/600-SBS	2.98	5.00	75	82-97	8/12	Bituminous	500 x 500
FO-FLO-95/600-SBS	4.08	8.17	95	102-109	8/UF-4	Bituminous	500 x 500
FO-FLO-110/600-SBS	3.94	10.70	110	120-128	10	Bituminous	500 x 500
PVC Flange (Dark Grey)							
FO-FLO-50/600-PVC DK GREY	0.90	1.70	50	58-64	8	Dark grey PVC	350 x 350
FO-FLO-62/600-PVC DK GREY	1.62	3.00	62	70-76	8	Dark grey PVC	350 x 350
FO-FLO-75/600-PVC DK GREY	2.98	5.00	75	82-97	8/12	Dark grey PVC	350 x 350
FO-FLO-95/600-PVC DK GREY	4.08	8.17	95	102-109	8/UF-4	Dark grey PVC	350 x 350
FO-FLO-110/600-PVC DK GREY	3.94	10.70	110	120-128	10	Dark grey PVC	350 x 350

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