

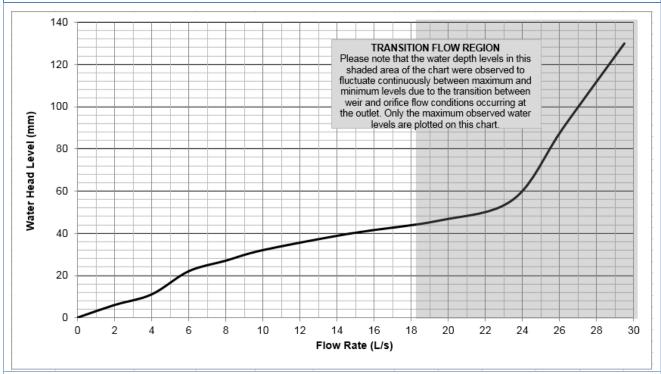
OUTLET PERFORMANCE CERTIFICATE ID: SPS034 - SIA150D2

Test Results	ID: SPS034
Description	SPS Superflo RWO
Drain Type	Dome Flat Grate with Membrane Clamp Ring
Model	SIA150D2
Outlet Size	150NB
Test Date	30/09/2016
Grate Drawing	FLAT GRATE VERSION "F2" DOME GRATE VERSION "D2" SPS Catalogue Pof: 1.11
	SPS Catalogue Ref: 1.11
Housing Drawing	Integral puddle flange with weep holes 4 x places Membrane E Structural slab Optional tailpiece connector (suffix "T") A Optional coupling connector (suffix "P")
Drain Pipe Configuration	Standard pipe configuration as shown in AHSCA test procedure. Threaded tail piece connector.



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Flow Characteristic Curve - SIA150D2





Weir Flow 18 L/s (42mm)



Surcharged Flow - 20 L/s (40mm)

Observation Comments:

- Flow rates from 0-18.0 L/s (42mm Head) produced a flat characteristic curve with stable water head levels.
- At 20.0 22.0 L/s the weir flow transitioned to vortex flow, cycling between vortex and surcharged flow.
- The maximum flow limit to maintain weir flow conditions is 18.0 L/s.

I hereby certify that the test results presented on this outlet performance certificate are true and correct and were obtained using recognised AHSCA Gutter Outlet Testing procedures.

Dr Terry Lucke,

Chief Researcher:

Mark Alexander.

AHSCA Foundation Chairman:

Date: 17th January 2017 Date: 17th January 2017

