



TYPICAL ECOCLINE PROFILES

Other EcoCline profiles are available to meet the stormwater and weight requirements for your project.

EcoCline

	EcoCline 4+3	EcoCline 3+3	EcoCline 2+3	EcoCline 2.5+3	EcoCline R+3
System Thickness	7 inches (4" media + 3" water retention)	6 inches (3" media + 3" water retention)	5 inches (2" media + 3" water retention)	5.5 inches (2.5" media + 3" water retention)	4.5 inches (1.5" media R + 3" water retention)
Dry Weight	27-28 lbs/sf	23-24 lbs/sf	16-17 lbs/sf	19-20 lbs/sf	13-14 lbs/sf
Max. Fully Saturated Wt.	50-51 lbs/sf	43-44 lbs/sf	35-36 lbs/sf	39-40 lbs/sf	30-31 lbs/sf
Water Holding Capacity	2.7 gallons/sf	2.5 gallons/sf	2.2 gallons/sf	2.8 gallons/sf	2.1 gallons/sf
Max. Rain Event Capacity	4.4 inch storm	4.0 inch storm	3.6 inch storm	3.8 inch storm	3.4 inch storm
ANSI/SPRI RP-14 Class	#2 ballast	#2 ballast	#2 ballast	#2 ballast	#2 ballast
ANSI VF-1 Rating	Class A	Class A	Class A	Class A	Class A
MDE Runoff Curve Number	<77	<77	<77	<77	<77
Maximum Water Retention	64% ASTM E-2397, -99	67% ASTM E-2397, -99	72% ASTM E-2397, -99	69% ASTM E-2397, -99	76% ASTM E-2397, -99
Bulk Density (dry)	46-47 lbs/cf	46-47 lbs/cf	39-40 lbs/cf	43-44 lbs/cf	34-35 lbs/cf
Bulk Density (wet)	85-86 lbs/cf	85-86 lbs/cf	84-85 lbs/cf	86-87 lbs/cf	81-82 lbs/cf

	EcoCline 4+2	EcoCline 3+2	EcoCline 2+2	EcoCline R+2	EcoCline 1+2
System Thickness	6 inches (4" media + 2" water retention)	5 inches (3" media + 2" water retention)	4 inches (2" media + 2" water retention)	3.5 inches (1.5" media R + 2" water retention)	3 inches (1" media + 2" water retention)
Dry Weight	26-27 lbs/sf	22-23 lbs/sf	15-16 lbs/sf	12-13 lbs/sf	8-9 lbs/sf
Max. Fully Saturated Wt.	44-45 lbs/sf	38-39 lbs/sf	29-30 lbs/sf	24-25 lbs/sf	20-21 lbs/sf
Water Holding Capacity	2.1 gallons/sf	1.9 gallons/sf	1.6 gallons/sf	1.5 gallons/sf	1.4 gallons/sf
Max. Rain Event Capacity	3.4 inch storm	3.1 inch storm	2.6 inch storm	2.4 inch storm	2.2 inch storm
ANSI/SPRI RP-14 Class	#2 ballast	#2 ballast	#2 ballast	#2 ballast	N/A
ANSI VF-1 Rating	Class A	Class A	Class A	Class A	Class A
MDE Runoff Curve Number	77	77	77	77	77
Maximum Water Retention	59% ASTM E-2397, -99	62% ASTM E-2397, -99	67% ASTM E-2397, -99	71% ASTM E-2397, -99	76% ASTM E-2397, -99
Bulk Density (dry)	52-53 lbs/cf	53-54 lbs/cf	46-47 lbs/cf	41-42 lbs/cf	34-35 lbs/cf
Bulk Density (wet)	88-89 lbs/cf	91-92 lbs/cf	87-88 lbs/cf	82-86 lbs/cf	81-82 lbs/cf

	EcoCline 3+1	EcoCline 2+1	EcoCline R+1	EcoCline 1+1
System Thickness	4 inches (3" media + 1" water retention)	3 inches (2" media + 1" water retention)	2.5 inches (1.5" media R + 1" water retention)	2 inches (1" media + 1" water retention)
Dry Weight	21-22 lbs/sf	14-15 lbs/sf	11-12 lbs/sf	7-8 lbs/sf
Max. Fully Saturated Wt.	32-33 lbs/sf	23-24 lbs/sf	19-20 lbs/sf	14-15 lbs/sf
Water Holding Capacity	1.3 gallons/sf	1.1 gallons/sf	0.9 gallons/sf	0.8 gallons/sf
Max. Rain Event Capacity	2.1 inch storm	1.7 inch storm	1.5 inch storm	1.3 inch storm
ANSI/SPRI RP-14 Class	#2 ballast	#2 ballast	#2 ballast	N/A
ANSI VF-1 Rating	Class A	Class A	Class A	Class A
MDE Runoff Curve Number	88	88	88	88
Maximum Water Retention	54% ASTM E-2397, -99	58% ASTM E-2397, -99	62% ASTM E-2397, -99	67% ASTM E-2397, -99
Bulk Density (dry)	63-64 lbs/cf	57-58 lbs/cf	53-54 lbs/cf	46-47 lbs/cf
Bulk Density (wet)	96-97 lbs/cf	93-94 lbs/cf	91-92 lbs/cf	87-88 lbs/cf

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