



EAGLE LAKE
professional landscape supply

innovation outdoors™

Calgary BioRetention Blend 70mm/ hr

We blended this mix to be sufficiently permeable to infiltrate runoff, to have sufficient moisture holding capabilities and nutrients to support healthy vegetation. Ideal for Bioswales, Tree trenches and Rain gardens.

SPECIFICATIONS

parameter	result	method
Vegetation	Trees, Shrubs, Perennials, Grasses, Sedums, and Annuals	
Composition	Sandy Loam, Sand, Peat Moss and Compost	
Soil Textural Class	Sandy Loam	ASTM F1632 B
Physical Parameters	Sand-76%, Silt-11%, Clay-12%	ASTM F1632 B
ph.	7-8	
Infiltration Rate at 80% compaction	70 mm/hr	KSAT 80% Proctor
Infiltration Rate at 80% compaction	2.8 in/ hr	KSAT 80% Proctor
Initial Media Density	1.03 g/cubic cm	ASTM D2974 C
Initial Media Density	70-75 lb./cubic foot	ASTM D2974 C
Maximum Media Density	1700-1800 Kg/ cubic Metre	ASTM D2974 C
Maximum Media Density	135-140 lb./ cubic foot	ASTM D2974 C
Dry Media Density	1100-1200 Kg/ cubic metre	ASTM D2974 C
Organic Matter %	8-10%	-
Cation Exchange	21.30	CEC
Soluble Salts	0.7	SSE
Dry Matter %	89-91%	ASTM D2974 C
Phosphorus, P	47 ppm	SSE
Potassium, K	351 ppm	SSE
Magnesium, Mg	241 ppm	SSE
Calcium, Ca	3400 ppm	SSE
Sulfur, S	121 ppm	SSE
Zinc, Zn	3.3 ppm	SSE
Manganese, Mn	0 ppm	SSE
Iron, Fe	0 ppm	SSE
Copper, Cu	0 ppm	SSE
Boron, B	0 ppm	SSE
Sodium, Na	52 ppm	SSE
Nitrate, NO3	22 ppm	SSE

* Shipped: Bulk or in 1 cubic yard totes

DISCLAIMER: Results reported on a dry weight basis - The results relate to the individual sample submitted and analyzed July 2016. While we strive to maintain high quality and consistency of product these results are to be used as a guideline. Actual product may vary.