



EAGLE LAKE
professional landscape supply

innovation outdoors™

bioretention blend

We blended this mix to be sufficiently permeable to infiltrate runoff and 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	MSA P1-383-385
physical parameters	sand (78%), Silt (11%) and Clay (11%)	MSA P1-404-408
pH	7-8	
maximum water retention	50%-55%	ASTM E2399-05
water permeability at maximum media density	0.004 cm/s	ASTM E2399-05
water permeability at maximum media density	0.13 in/min	ASTM E2399-05
initial media density	1200-1300 kg/cubic metre	ASTM E2399-05
initial media density	75-80 lb/cubic foot	ASTM E2399-05
maximum media density	1700-1800 kg/cubic metre	ASTM E2399-05
maximum media density	105-115 lb/cubic foot	ASTM E2399-05
dry media density	1100-1200 kg/cubic metre	ASTM E2399-05
air filled porosity at max water holding capacity	9.3%	ASTM 1815-97
organic matter %	9%-11%	
dry matter %	89%-91%	
phosphorus (P)	41 ppm	SSE
potassium (K)	483 ppm	SSE
magnesium (Mg)	265 ppm	SSE
calcium (Ca)	1880 ppm	SSE
sulfur (S)	970 ppm	SSE
zinc (Zn)	76.1 ppm	SSE
manganese (Mn)	263 ppm	SSE
iron (Fe)	256 ppm	SSE
copper (Cu)	33.3 ppm	SSE
boron (B)	11.9 ppm	SSE
sodium (Na)	36 ppm	SSE
nitrate (NO ₃)	11 ppm	SSE

**shipped: bulk or in 1 cubic yard totes*

SALES CENTRE

285177 FRONTIER ROAD SE CALGARY ALBERTA T1X 0N2 **403.262.5600**

EagleLakeLandscape.com

DISCLAIMER: Results reported on a dry weight basis — The results relate to the individual sample submitted and analyzed October 8, 2014. While we strive to maintain high quality and consistency of product these results are to be used as a guideline. Actual product may vary.