



ANALYSIS FOR:			ADDITIONAL COPY TO:		
John Smith Greenroof America 111 Plant Lane Sedum PA 11111					
LAB ID	SAMPLE ID	SAMPLE TYPE	DATE SAMPLED	DATE RECEIVED	DATE COMPLETED
SMOTEST	TOP GROW 187.35	Drainage Media	4/1/2008	4/3/2008	4/10/2008

Saturated Water Permeability¹

Parameter	Results in-lb units	Results SI Units
Water permeability (K_f) of medium	130.17 in/min	5.51 cm/sec
Water permeability (K_l) limit of method	> 998.00 in/min	> 42.25 cm/sec
Water temperature	68.0 °F	20.0 °C
Dry density of medium	64.51 lb/ft ³	1.03 g/cm ³
Wet density of medium	73.85 lb/ft ³	1.14 g/cm ³

¹ASTM Method E2396-05, Standard Test Method for Saturated Water Permeability of Granular Drainage Media [Falling-Head Method] for Green Roof Systems