



Technical Data Sheet – HydraTerra Ultra Blend (70:30 and 50:50)

GENERAL

HydraTerra is a blend of Sunterra Canadian Peat Moss and HydraFiber Ultra 160WB Advanced Substrate. It is a raw material input that can be processed using traditional peat processing equipment and blended further with other raw materials as necessary. HydraTerra contains no other chemical additives.

TECHNICAL DATA

pH	3.4 – 4.4	SME
EC (mS/cm)	<0.50	SME
Moisture Content (w/w)	40 - 60%	Weight-basis
Organic Matter	97.5% +/- 0.2%	Loss on Ignition (ASTM D586-19)
Total Porosity	85-95%	NCSU Porometer Method (ASTM D8593)
Container Capacity (WHC)	65-80%	
Air Pore Space	15-25%	
Bulk Density (lbs./ft ³)	4.0 - 7.0	ASTM D2978
Stick/Root Qty (g/2L)	< 5.0	
Stick Length (in)	<2.5	
Mix	Peat Moss	50 - 70%
	HydraFiber	30 - 50%
Mix Particle Size	Peat Moss	<10mm
	HydraFiber	<50mm
135ft³ Tower		
Weight	1330 - 2290 lbs.	605 - 1040 kg
Dimensions (Pallet)	45 x 52 x 83"	114 x 132 x 211 cm
Yield target (Pallet)	320 ft ³	9.0 m ³
Expansion Ratio	2.4:1	
64ft³ Bale		
Weight (Bale)	510 - 895 lbs.	232 - 407 kg
Dimensions (Bale)	44 x 48 x 45"	112 x 122 x 114 cm
Yield target (Bale)	128 ft ³	3.6 m ³
Bales per pallet	2	
Expansion Ratio	2:1	

MANUFACTURER

PROFILE Products LLC
 750 Lake Cook Road – Suite 440
 Buffalo Grove, IL 60089
 International - +1-847-215-1144
 United States and Canada – 800-366-1180 (Fax 847-215-0577)



www.profileproducts.com