



Coir Blocks Blueberry (30/70)



Galuku HiTech-Hydro substrates are available in AirUltra, AirMax and AirAqua.

Formulations of air/water combinations that allow growers to control the water content on a daily or seasonal basis.

Product	AFP (% v/v) Air Filled Porosity	WHC (% v/v) Water Holding Capacity	WRE (%) Water Retention Efficiency	CUV (mL/10mins) Capillary Uptake Value
AirUltra	45%	45%	45%	25
AirMax	40%	55%	40%	30
AirAqua	30%	60%	50%	45

Product Analysis

	Parameter	Value	
Physical Analysis	Moisture content (% DM)	<20	
	Organic Matter (% DM)	99.8	
	Bulk Density (kg/m ³ dry)	70kg/m ³	
	Air-filled Porosity (%)	40	
	Total Water Holding Capacity (%)	55	
	Wettability (min)	0m3s	
	Particle Size Distribution		
	Coir Peat 2 - 5mm % (Washed)	46	
Coir Peat 5 - 8mm % (Washed)	24		
Coir Chips % (Washed)	30		
Chemical Analysis	Electrical Conductivity method 1:1.5 v/v (mS/cm)	<0.5	
	pH	6.8 - 7.2	
Block Characteristics	Size (cm)	28 x 28 x 14	
	Weight (kg)	4.5 - 5kg	
	Hydrated Expanded Volume per Block (L) ±5%	60	
	Blocks per pallet	240	

Definitions

AFP

The volume of air held in a mix after it has been thoroughly wet and drained is called the AFP.

WHC

The volume of water held by a mix after it has been wet and then fully drained is called the WHC.

WRE

The measure of the ability of a mix to retain irrigation water that has been applied.

CUV

This is a measure of the wicking ability of a mix.