

# GROWTH MEDIA & SOIL ADDITIVES



## AGGREGATE

### Drainage Aggregate

Our Drainage Aggregate is a granular drainage medium specifically designed for use as a filler substrate beneath our multi-layer green roof systems. We provide extensive, semi-intensive, & intensive blends of our Drainage Aggregate. Drainage Aggregate offers many advantages:

- most commonly used as a **pressure-resistant fill** within drainage boards
- an **excellent bedding material** for pavers as a maintenance path or patio
- **embedded drainage channels** may be used to transfer excess water quickly to roof drains or scuppers



LEED Credits available for:  
• Materials & Resources (MR)



Tiered pricing based on product quantity



Available in:  
• Bulk  
• 1.5 & 2 yd<sup>3</sup> Super Sacks  
• 1 ft<sup>3</sup> Bags

## QUICK REFERENCE & SHIPPING DATA

### Vegetated Roofing Use:

- Granular drainage layer

### Coverage (1 yd<sup>3</sup>):

- at 3" = 108 ft<sup>2</sup>
- at 4" = 81 ft<sup>2</sup>
- at 6" = 54 ft<sup>2</sup>

### Dry Weight (approximate):

- 40 lbs. / ft<sup>3</sup>

### Saturated Weight (approximate):

- 52 lbs. / ft<sup>3</sup>
  - at 3" = 14.0 lbs. / ft<sup>2</sup>
  - at 4" = 17.33 lbs. / ft<sup>2</sup>
  - at 6" = 26.0 lbs. / ft<sup>2</sup>

### Bulk Shipping Data:

- Bulk material weighs approximately 1,080 lbs. / yd<sup>3</sup>
- 32 - 34 yd<sup>3</sup> in dump trailer, 22 - 24 yd<sup>3</sup> in a tri-axle

### 2 yd<sup>3</sup> Super Sacks:

- 2 yd<sup>3</sup> Super Sacks weigh approximately 2,160 lbs.
- 15 - 16 2 yd<sup>3</sup> Super Sacks / flatbed trailer

### 1.5 yd<sup>3</sup> Super Sacks:

- 1.5 yd<sup>3</sup> Super Sacks weigh approximately 1,620 lbs.
- 21 - 22 1.5 yd<sup>3</sup> Super Sacks / flatbed trailer

### 1 ft<sup>3</sup> Bags:

- 1 ft<sup>3</sup> Bag weighs approximately 40.0 lbs.
- 60 Bags / pallet
- 14 - 15 pallets / flatbed trailer

## TECHNICAL DATA

<b>Grain Size Distribution:</b>	<b>mm</b>	<b>Inches</b>	<b>% of Dry Weight</b>
Passing 1/2" Sieve	12.50	0.50	95 - 100
Passing 3/8" Sieve	9.53	0.375	75 - 90
Passing 1/4" Sieve	6.35	0.25	30 - 45
Passing 1/8" Sieve	3.18	0.125	10 - 25
Passing #18 Sieve	1.00	0.039	0 - 15
Passing #60 Sieve	0.25	0.010	0 - 10
Passing #230 Sieve	0.06	0.002	0 - 5
<b>Density:</b>	<b>g / cm<sup>3</sup></b>	<b>lbs. / ft<sup>3</sup></b>	
Application Density	0.55 - 0.72	35 - 45	
Saturated Density	0.70 - 0.95	44 - 60	
<b>Water &amp; Air Management:</b>	<b>% by Volume</b>	<b>in<sup>3</sup> / ft<sup>3</sup></b>	
Saturated Water Capacity	15 - 25	260 - 432	
Saturated Air Capacity	35 - 45	605 - 778	
<b>Pore Volume:</b>	<b>% by Volume</b>		
Total	50 - 75		
<b>pH, Lime, &amp; Salt Content:</b>	<b>units</b>	<b>% as CaCO<sub>3</sub></b>	<b>mmhos / cm</b>
pH (in CaCl <sub>2</sub> )	6.0 - 8.5	-	-
Carbonate Content	-	< 2.5	-
Electrical Conductivity	-	-	< 2.5