

TERRAPOR DR - 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)



- 2 yd³ Supersack
- Bulk



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QUICK REFERENCE & SHIPPING DATA

Vegetated Roofing Use:

- Granular drainage layer

Coverage (1 yd³):

- at 3" = 108 ft²
- at 4" = 81 ft²
- at 6" = 54 ft²

Dry Weight (approximate):

- 40 lbs. / ft³

Saturated Weight (approximate):

- 52 lbs. / ft³
 - at 3" = 14.0 lbs. / ft²
 - at 4" = 17.33 lbs. / ft²
 - at 6" = 26.0 lbs. / ft²

Bulk Shipping Data:

- Bulk material weighs approximately 1,080 lbs. / yd³
- 32 - 34 yd³ in dump trailer, 22 - 24 yd³ in a tri-axle

2 yd³ Super Sacks:

- 2 yd³ Super Sacks weigh approximately 2,160 lbs.
- 15 - 16 2 yd³ Super Sacks / flatbed trailer

TECHNICAL DATA

<u>Grain Size Distribution:</u>	<u>mm</u>	<u>Inches</u>	<u>% of Dry Weight</u>
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

<u>Density:</u>	<u>g / cm³</u>	<u>lbs. / ft³</u>
Application Density	0.55 - 0.72	35 - 45
Saturated Density	0.70 - 0.95	44 - 60

<u>Water & Air Management:</u>	<u>% by Volume</u>	<u>in³ / ft³</u>
Saturated Water Capacity	15 - 25	260 - 432
Saturated Air Capacity	35- 45	605 - 778

<u>Pore Volume:</u>	<u>% by Volume</u>
Total	50 - 75

<u>pH, Lime, & Salt Content:</u>	<u>units</u>	<u>% as CaCO₃</u>	<u>mmhos / cm</u>
pH (in CaCl ₂)	6.0 - 8.5	-	-
Carbonate Content	-	< 2.5	-
Electrical Conductivity	-	-	< 2.5