



BMG Materials
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NATURAL VOLCANIC SOIL CONDITIONER

Source:

Burningham Mining Group – BMG Materials
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Natural Volcanic Aggregate:

Lightweight volcanic aggregate is a natural occurring lava rock sourced from an ancient cinder cone volcano in south central Utah.

Gradation:

Sieve Size	% passing
3/8"	100
#4	85 – 100
#16	40 – 80
#50	10 – 35
#100	5 – 25

Physical Properties:

- pH: 7 – 9
- Loose Bulk Density (cu. ft.): 50 - 60 lbs.
- Saturated Bulk Density (cu. ft.): 65 – 75 lbs.
- Moisture Retention: 25 – 35%
- Saturated Hydraulic Conductivity (in/hr.): >30
- Porosity (%): >30%

Installation:

Natural volcanic soil conditioner is to be mechanically incorporated into the soil profile at a minimum rate of 10% by volume of the planting soil profile depth. The rate of application can be increased to meet project design requirements. Additionally, it can be combined with other soil components to create custom soil blends for specialized landscape design applications.