



NATURAL VOLCANIC PERLITE®

FINE (HD) - Expanded Perlite

Fine-grained particles with uniform size and density. Sold as CONSTRUCTION GRADE aggregate or loose insulation.

DRY SIEVE ANALYSIS

US Mesh	Microns	% Passing by Weight
#4	4750	100
#8	2380	85 - 100
#16	1190	40 - 85
#30	600	20 - 60
#50	300	5 - 25
#100	150	0 - 10

LOOSE BULK DENSITY: 7.5 - 10 lb/ft³ (120 - 160 kg/m³)

PRODUCT DETAIL

FINE (HD) expanded perlite consists of particles 1/8" (2 mm) in diameter and below. Applications include loose fill masonry insulation, below slab insulation, fine aggregate for lightweight insulating plaster or concrete, texturizer for paint & coatings, etc. Supreme Perlite NATURAL VOLCANIC PERLITE® products sterile, ultra-lightweight, non-toxic, durable, incombustible, insulating, asbestos-free, pH-neutral, and are compatible with most other substances.

SUPPLEMENTARY INFORMATION

Chemical Name	Sodium Potassium Aluminum Silicate
Appearance	White granules, odorless
pH (of water slurry)	Neutral
Fusion point	2,300 - 2,450 °F (1260 - 1350 °C)
Flash point	Non-flammable
Specific gravity	0.4 - 0.6 (approx.)
Thermal Resistivity	2.6 per inch (approx.)
Solubility	Negligible in water and weak acids*

- Meets ASTM C549: Perlite Loose Fill Insulation
- Meets ASTM C332: Lightweight Aggregates for Insulating Concrete
- NOT coated or treated for water repellency.

* Soluble in hot concentrated alkali and HF; moderately (less than 10%) in 1N NaOH. Slightly (less than 3%) in mineral acid.

PACKAGING OPTIONS

- 4 cu. ft. (113 L) two-ply paper bags. 30 bags/pallet.
- 60 cu. ft. super sacks (2.2 cyd/1.7 m³). 2 super sacks/pallet.

