



PERLITE

Product Specification

Perlite is a raw material which in its natural state is a glassy volcanic rock containing a percentage of water. During a process called expansion, Perlite is rapidly heated and expands up to twenty times its original size, due to the evaporation of the moisture from within.

Typical Properties

Perlite is a lightweight, air entraining material, which is both absorbent and acts as a filter aid. It is sterile and both environmentally friendly and chemically neutral.

Product Data

Perlite exists in a white coloured, granular form.

Chemical Data

SiO ₂	70-80%	MgO	0-1%
Al ₂ O ₃	12-15%	H ₂ O	1-2%
Na ₂ O	2-5%	S, SO ₃	0%
K ₂ O	2-5%	Fe ₂ O ₃	0-1.5%
CaO	0-2%		

Product Names and Grade

- AGRIPERL Large Graded
- HYPERL Medium Graded
- MICROPERL Fine Graded

Packaging

Perlite is packed in 100 litre paper sacks, with 24 bags per pallet. It is also available in Bilk Bag Supply.





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Storage

Perlite bags must be kept dry until ready for use. The bags should be stored covered, off the ground, and away from wet or damp surfaces or areas of very high humidity. During storage or transportation, compaction of the product is likely to occur.

Typical Use of Product

The valuable properties of Perlite enable it to be used across a wide variety of industries. Some examples of these applications are:

- In the Agricultural industry:
 - Seed Raising
 - Cuttings
 - Soil Conditioning
 - Potting Mixes
 - Hydroponics
 - Capillary Watering
 - Turf Dressing
- In the Industrial industry:
 - Oil & Chemical Absorbent
 - Filter Aids
 - Refractory Mixes
 - Abrasives
 - Packaging
 - Insulation

For more information on Perlite and other products in our range, please contact:

L & A Fazzini Manufacturing Pty Ltd
23-25 Wentworth Street
Greenacre NSW 2190

FOR AUSTRALIAN CUSTOMERS
FREECALL: 1800 629 305

TEL: (61-2) 9642 4745 or via FAX: (61-2) 9742 5164

