

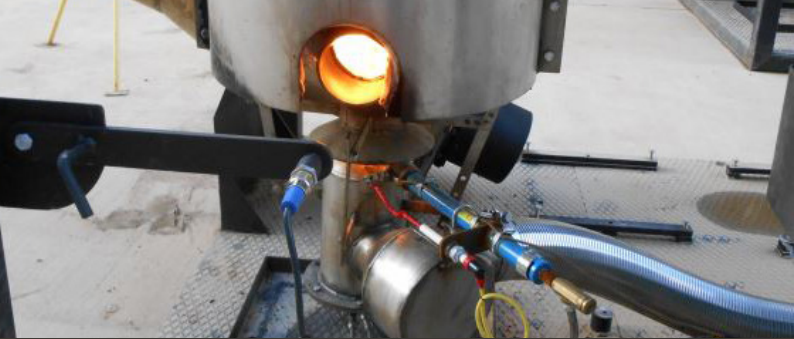
Premium Cryogenic Perlite

Your Fully Integrated Cryogenic Perlite Supplier



Cryoperl

www.ausperl.com.au



Pride in Performance

Ausperl Pty Ltd is a privately owned company engaging in the processing of perlite and vermiculite, and the trading of industrial minerals.

Our business has developed from an operator of perlite mines, to the expansion, milling and offsite processing of perlite.

Our trading division, CRYOPERL, is engaged in the provision of cryogenic perlite insulation works for LNG, LPG, Ethylene, Propylene, Butane, Propane, LOX, LIN, LAR, Ammonia, Air Separation Units (ASU) and other cryogenic equipment.

Experience, knowledge and technological capability are the foundations of our business, and allow us to provide reliable, suitable and timely provision of products and services.

Off-site Facilities

Cryogenic perlite ore is processed at our Sydney, Australia and Auckland, New Zealand facilities. Both sites are ISO 9001 accredited.



Perlite Ore Selection

Our company has preferential supply agreements for sourcing ore from a number of suppliers in Australia, New Zealand, USA, Greece and Turkey.

Selection of these ores is based upon the composition, purity and structure of the ore, which affects expansion capability and best fit for the end application.

The ore is pre-approved to process at exceptional rates, ensuring replaced density between 45-85kg and excellent thermal conductivity.





On-site Facilities

During on-site installation CRYOPERL can deploy perlite expanders supported by trained, experienced operators to process the selected perlite ore quickly, efficiently and economically.

CRYOPERL is able to perform expanded perlite supply and installation on more than one project simultaneously.

Patent protected technologies for the conveyance and vibration of perlite (once emplaced) are employed, and output is regularly tested in the on-site laboratory for loose & compacted density, particle size distribution, free & combined moisture content, organic content and flammability reaction.

Thermal conductivity testing is completed off-site in accredited laboratories as and when required.

Expansion, filling and vibration processes are being constantly developed to provide improved production, quality, safety and environmental outcomes.

We have a patented deep level vibration control system, eliminating the need for personnel to enter the annular space of an LNG vessel.

Personnel

Our team is drawn from experienced perlite technologists, many with tertiary chemical or mechanical engineering qualifications.

These committed team members provide dependability, confidence and knowledge, and are trained and authorized to operate our equipment on all sites.

Quality Assurance

Manufacturing processes both on-site and off-site are subject to stringent procedures established under our Total Quality Management program, and monitored through our ISO9001 certification.

Pre Approvals

Our processes and products have been pre-approved and qualified by:

- Air Liquide Standard TS 583.11-c
- Praxir Standard T-10 (rev, 2/15/97)
- Linde AG Standard 152-08
- TKK Standard P3426-L-05



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