MICRONISED MINERALS

MMS QUICKLIME

High Quality Calcium Oxide

Micronised Minerals is a mineral earths company focused on offering high quality mineral products and whole of service in innovative ways. Established in 2007, MMS ensures production of high-quality fine ground minerals with the added capacity to accurately blend products.

Physical Properties	Typical	Range
Grain Size (<100 mm)	>90% passing	90-100%
Bulk Density	950 kg/m³	950—1100 kg/m³

PROPERTIES	TYPICAL	RANGE
CaO Available	90%	88-92%
SiO_2	0.35%	1.0% Max
Al_2O_3	0.21%	0.5% Max
Fe_2O_3	0.08%	0.1% Max
MgO	1.0%	1.5% Max
SO_3	0.15%	0.19%
pH	12	12—12.4

Our specialised manufacturing **Twin Vertical Roller Mills** provides annual capacity of >100,000 tonnes production infinitely managed by turbine classification for careful particle size management for exacting product sizes down to 2.3 - 18 micron.
We can meet customer delivery requirements with bulker bag packaging of 500-1200 kgs.
Purpose-built tipping containers up to 74 tonnes are also a delivery option for large scale spreading requirements.

MMS Quicklime is a high quality Calcium Oxide product manufactured to a very fine grain size (typically less than 150 microns) maximising the availability of calcium oxide for chemical processes. Quicklime is used by the mining industry to treat runoff and process waters from coal mining, metal mining and non-metal mines. Quicklime used with accurately designed slaking plants helps to neutralise acids from mining waters and precipitate metals and non-metals.
Quicklime is commonly used for its ability to stabilise PH, soften water, stabilise bio-solids and precipitate nutrients.
MMS has supplied individual customers up to 20,000 tonnes per annum of Quicklime utilising in-house designed innovative "Handling & Storage" solutions.

MMS Quicklime services a variety of mining applications:

- ☆ Heavy Rare Earths Mineral Processing
- ☆ Acid Tailings & Water Treatment for Gold and Uranium mines
- ☆ Quicklime for domestic waste water treatment and industrial binder applications
- ☆ Quicklime to mine sites for use with in-house slaking plants.

☑ **Packaging options: Bulker Tankers and Bulker Bags**

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