

Product information

A high purity hydrated lime powder manufactured to conform to the building lime standard EN 459-1.

Application areas

The hydrated lime powder is used in a range of different applications from the production of construction materials including mortars, render, plasters and lime washes to the treatment of acidic wastes. The product can also be used in agricultural, industrial, manufacturing and chemical applications as a source of calcium and alkalinity to deliver a wide spectrum of other products and outcomes.

Methods of Use

These are as diverse as the applications with the product being included as a dry powder or as a suspension in water in production processes; individual batch mixes and combined with other components to deliver different materials or characteristics.

CHEMICAL PROPERTIES

Acc. to EN 459-2

		Typical Analysis
Calcium Hydroxide	Ca(OH) ₂	96.90 %
Calcium Carbonate	CaCO ₃	1.52 %
Magnesium Oxide	MgO	0.24 %
Iron Oxide	Fe ₂ O ₃	0.03 %
Aluminium Oxide	Al ₂ O ₃	0.04 %
Silicon Dioxide	SiO ₂	0.40 %
Manganese	Mn	124 ppm
Sulfur	S	<0.01 %
Lead	Pb	2 ppm
Arsenic	As	<1 ppm
Free Moisture		0.62 %
Available Lime (as Ca(OH) ₂)		96.79 %
Neutralisation value (as CaO)		74.63 %

PHYSICAL PROPERTIES

Grading % passing	
200 µm	99.4 %
90 µm	91.2 %
BET Surface Area (m ² /g)	15.5
Bulk Density	
Loose	560 kg/m ³
Fully Compacted	670 kg/m ³

Packaging

- Bulk delivered to silos by pneumatic discharge tanker
- 25kg bags

Storage

- Keep away from damp
- Avoid contact with aluminium
- The bags must be stored in a dry place. The silos must be hermetically sealed

Safety data

Lime substances are classified under Regulation (EC) No 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation). Before handling, always read the extended REACh Safety Data Sheet and container labels for safe use, physical and health hazard information of the specific product. Safety data sheet: Calcium dihydroxide REACh Reg. No. 01-2119475151-45-0053



Quality

Products are manufactured in production plants that are ISO 9001 compliant.