

TECHNICAL DATA SHEET EASY MIX HYDRATED LIME



DESCRIPTION

Hydrated lime is the powdered product obtained when quicklime is fully treated with water. Quicklime is the product obtained when limestone is heated to over 800°C. Hydrated Lime is a fine, white powder which is used in numerous applications.

USES

Hydrated lime is used in a variety of applications in industries and processes.

Utilisation	Application
Neutralisation	Water Treatment Sewage Treatment Agricultural Soils Acid gas removal
Construction	Mortar/plaster Soil stabilisation Asphalt Ceramics
Flocculation	Water Purification Sewage Treatment
Agriculture	Soil liming Chicken litter Composting

SUPPLY

Easy Mix Hydrated Lime is available in 20kg bags.

STANDARDS

Easy Mix Hydrated Lime meets the following standards:
AS1672.1 – 1997 Lime and Limestones. Limes for Building.

PLEASE NOTE

The information given in this data sheet is based on our current knowledge of the product when properly stored, handled and applied. We cannot guarantee that the product will be suitable, effective or safe when used for any purpose other than its stated uses.

To the extent that it is lawful, we exclude warranties implied by law and limit our liability to the cost of replacing the product. We accept no responsibility for loss or injury caused by improper use, incompetent preparation, inexpert or negligent application, or ordinary wear and tear.

Service or advice given by our staff should not amount to responsibility for the project - since the owner, or their contractor (and not River Sands), is responsible for procedures relating to the application of the product.

TYPICAL PROPERTIES

CHEMICAL COMPOSITION		
Oxide	AS1672.1-1997 Requirement	Typical Analysis
SiO ₂	No requirement	<0.1%
Al ₂ O ₃	No requirement	0.2%
Fe ₂ O ₃	No requirement	<0.1%
CaO	No requirement	70.5%
MgO	No requirement	1.0%
Available Lime	65% min. as Ca(OH) ₂	90%
LOI	No requirement	24.2%
CO ₂	< 4% at works	2.5%
Physical Properties		
Fineness	≤5% retained 0.6mm sieve	<0.1%
Specific Gravity	No requirement	2.1 – 2.3
Bulk Density	No requirement	450-600 kg/m ³
Free Moisture	≤2.5%	0.2%

STORAGE

The product should be stored undercover in a dry location to prevent ingress of moisture.

Do not store product in aluminium or galvanised containers.
Do not store near acids or oxidizing products.

PRECAUTIONS

Prolonged exposure to hydrated lime may affect sensitive skin by drying or chapping. During use, avoid inhalation of dust and contact with the skin and eyes. Wear suitable clothing, gloves, eye protection and respiratory protective equipment.

If contact with the skin occurs, thoroughly clean the area with plenty of fresh water and soap. In case of contact with the eyes rinse with plenty of fresh water and seek medical advice.

If swallowed, seek medical attention immediately – Do not induce vomiting.

For further information consult the Safety Data Sheet and read the product label carefully before use. Safety Data Sheets are available by phoning 1800 077 744.



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