

# Standard Quicklime

## Pebble Calcium Oxide

Discovering what's possible with calcium

### PRODUCT DESCRIPTION

Standard Quicklime is a high calcium oxide produced and sold in several sizes. Standard Quicklime is used in flue gas desulphurization, soil stabilization, water and waste water treatment, steel, paper, chemical, and environmental applications.

TYPICAL CHEMICAL PROPERTIES	
CaO - Total	98.0%
CaO - Available	95.4%
CO <sub>2</sub>	0.6%
LOI	1.0%
MgO	0.8%
Al <sub>2</sub> O <sub>3</sub>	0.17%
Fe <sub>2</sub> O <sub>3</sub>	0.1%
SiO <sub>2</sub>	0.8%
Sulfur (S)	0.04%
P <sub>2</sub> O <sub>5</sub>	200 ppm
MnO	35 ppm

TYPICAL PHYSICAL PROPERTIES	
Specific Gravity	3.3
pH	12.45
BET Surface Area	2.0 m <sup>2</sup> /g
Apparent Dry Bulk Density - Loose	50 lbs./ft <sup>3</sup>
Apparent Dry Bulk Density - Packed	60 lbs./ft <sup>3</sup>
Reactivity 30 sec.	26°C
Reactivity 180 sec.	49°C
Total Temperature Rise	53°C
Total Reactivity Time	360 sec
Reactivity: 30 mesh residue	2%

- ✓ Meets the AWWA standard B202-19
- ✓ Certified to ASTM standards:  
C977-18, C911-19, C5-18



Certified to  
NSF/ANSI/CAN 60

PRODUCT SIZE GRADATION	
½"	Top 7/8" Bottom 3/8"
1"	Top 1 1/4" Bottom 7/8"
2" X 1"	Top 2 3/8" Bottom 7/8"
2"	Top 2 3/8" Bottom 1 1/4"



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