



WesternLime

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## WESTERN FINISH LIME

### WESTERN DOLOMITIC HYDRATED LIME

#### Typical Analysis

		As Received	Loss Free
Calcium Oxide	CaO	43.57%	59.00%
Magnesium Oxide	MgO	28.42%	38.48%
Aluminum Oxide	Al <sub>2</sub> O <sub>3</sub>	.37%	.50%
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	.30%	.41%
Silicon Dioxide	SiO <sub>2</sub>	.98%	1.33%
Sulfur Trioxide	SO <sub>3</sub>	.08%	.11%
Sodium Oxide	Na <sub>2</sub> O	.05%	.07%
Phosphorous Pentoxide	P <sub>2</sub> O <sub>5</sub>	.00%	.00%
Potassium Oxide	K <sub>2</sub> O	.02%	.03%
Titanium Dioxide	TiO <sub>2</sub>	.03%	.04%
Manganese Oxide	Mn <sub>2</sub> O <sub>3</sub>	.02%	.03%
Strontium Oxide	SrO	.01%	.01%
Total Loss on Ignition			27.09%
@ 0-120°C (Free moisture)			.07%
@ 120-550°C (Hydrate H <sub>2</sub> O)			24.18%
@ 550-1000°C (CO <sub>2</sub> loss in N <sub>2</sub> )			2.84%
Calcium Oxide (CaO) + Magnesium Oxide (MgO) (Non-volatile basis)			97.48%
Carbon Dioxide (CO <sub>2</sub> ) ("As Received" basis)			2.84%
Unhydrated Oxides as Magnesium Oxide (MgO) ("As Received" basis)			2.99%
Emley Plasticity		352	
Water Retention		98.2	
No. 30 Residue		0.12	

Conforms to ASTM C-206 specifications for Finishing Hydrated Lime