

Technical Data Sheet

Chemical Formula	CaO		
Alternative Names	F.U.S., Fine Quicklime, Calcium Oxide		
Typical Chemical Analysis		Typical %	
	Available calcium as CaO	89,0	
	Total calcium as CaO	92,0	
	Total magnesium as MgO	2,0	
	Silica as SiO ₂	2,0	
	Manganese as Mn ₂ O ₃	1,2	
	Iron as Fe ₂ O ₃	0,5	
	Aluminium as Al ₂ O ₃	0,3	
	Carbon dioxide (CO ₂)	2,0	
	Free carbon as C	<0,01	
	Sulphur as SO ₃	<0,05	
	P ₂ O ₅	<0,01	
Physical Properties	Bulk density (kg/m³):	Aerated 800 - 900	De-aerated 1 000 - 1 100
	Size:	Screen Aperture (µm)	% Retained (Typical)
		250	17
		150	13
		106	12
		75	13
		minus 75	45
	Colour: Buff due to the presence of Manganese as Mn ₂ O ₃		
	Angle of repose: 2° - 10°		
Typical Applications	Fluxing agent, neutralisation or pH control and coagulation.		