

Arefbond 160

Light Weight Super-Duty Mortar

Physical Properties				Standard Test Method	Value
Max Service Temperature (°C)					1600
Material Basis				Light Weight Super-Duty Fire Clay	
Bulk Density (g/CC) (max)					1
Cold Crushing Strength (Kg/Cm²) @ 110°C @ 1480°C				ASTM C133	12 - 20
					180 - 200
Modulus of Rupture (Kg/Cm²) @ 110°C @ 1480°C				ASTM C133	≥ 8
					≥ 45
Permanent Linear Change @ 1480°C for 24 hours (%)				ASTM C269-70	≤ 1
Approximate amount of water required for troweling (liters/40 Kg)					18 – 20
Chemical Analysis (Wt %)					
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO + MgO	Na ₂ O + K ₂ O	L.O.I
50 - 54	38 - 42	< 0.5	< 0.5	≤ 0.7	4 - 5