

Arefbond 100

Light Weight Mortar

Physical Properties		Standard Test Method	Value		
Max Service Temperature (°C)			1000		
Material Basis		Light Weight Fire Clay			
Bulk Density (g/CC) (max)			≤1		
Cold Crushing Strength (Kg/Cm²) @ 110°C @ 800°C		ASTM C133	10 - 12		
			120 - 140		
Modulus of Rupture (Kg/Cm²) @ 110°C @ 900°C		ASTM C133	≥ 6		
			≥ 35		
Permanent Linear Change @ 1000°C for 24 hours (%)		ASTM C269-70	≤ 1		
Approximate amount of water required for troweling (liters/40 Kg)			17 – 19		
Chemical Analysis (Wt %)					
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO + MgO	Na ₂ O + K ₂ O	L.O.I
16 - 26	60 - 64	< 3	8 >	5 >	3 - 4