

Arefbond 148

Light Weight Mortar

Physical Properties				Standard Test Method	Value
Max Service Temperature (°C)					1550
Material Basis				Light Weight High-Duty Fire Clay	
Bulk Density (g/CC) (max)					1.7
Cold Crushing Strength (Kg/Cm²) @ 110°C @ 1450°C				ASTM C133	14 - 18
					200 - 220
Modulus of Rupture (Kg/Cm²) @ 110°C @ 1450°C				ASTM C133	≥ 30
					≥ 50
Permanent Linear Change @ 1450°C for 24 hours (%)				ASTM C269-70	≤ 1
Approximate amount of water required for troweling (liters/40 Kg)					14 – 16
Chemical Analysis (Wt %)					
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO + MgO	Na ₂ O + K ₂ O	L.O.I
44 - 48	44 - 48	< 0.6	< 0.7	< 0.8	5 - 7