

Arefbond 140

Light Weight Mortar

Physical Properties				Standard Test Method	Value
Max Service Temperature (°C)					1420
Material Basis				Light Weight Fire Clay	
Bulk Density (g/CC) (max)					1
Cold Crushing Strength (Kg/Cm²) @ 110°C @ 1280°C				ASTM C133	12 - 16
					180 - 200
Modulus of Rupture (Kg/Cm²) @ 110°C @ 1280°C				ASTM C133	≥ 8
					≥ 46
Permanent Linear Change @ 1200°C for 24 hours (%)				ASTM C269-70	≤ 1
Approximate amount of water required for troweling (liters/40 Kg)					15 – 17
Chemical Analysis (Wt %)					
Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO + MgO	Na ₂ O + K ₂ O	L.O.I
33 - 37	57 - 61	< 1	< 0.7	< 1.2	4 - 5