

CALCIUM ALUMINATE CEMENT

	LUMICEM	HYBOND 75	HYBOND SUPER
Physical Properties			
Refractoriness Orton Cone	13-14	31	34 - 35
°c Min	1349-1398	1683	1763
Minimum compressive strength of 1:3 vibrated mortar using graded standard sand (kg/cm ²) min			
at 1 day	450	350	150
After 1 day	500 (3 days)	500	400
Specific surface (cm ² /gm) min	3000	4000	4500
Specific gravity	-	2.9 to 2.95	3.1 to 3.2
Setting time (minutes)			
Initial (min)	30	40	30
Final (max)	400	400	300
Chemical Analysis			
Al ₂ O ₃ (%) min.	48.0	72.0	78.0
SiO ₂ (%)	-	0.7	0.5
CaO (%)	-	23.6	18.5
Fe ₂ O ₃ (%) max	5.0	0.3	0.3
MgO (%)	-	0.8	-

The above values are from routine Laboratory test results and do not constitute a specification.