



Technical Data Sheet High Alumina cement & Binders

Product Name	Calcem- 50	Calcem-70
Chemical Properties		
AL 203 %	42-46	68-71
Fe 203 %	05- 07	0.1-0.3
CaO (wt%)	-	28-31
Physical Properties		
Shelf Life (Month)	6	6
Delivery State	Dry Powder	Dry Powder
Packing in Polythene Bags (kg)	25/50	25/50
Specific Surface Area (cm²/g)	2800-3600	3500-4200
Setting Time (in minutes):		
Initial	20-70	50-120
Final	300-390	350-450
Cold Crushing Strength (kg/ cm²):		
after 1 Day Curing + Drying at 110°C / 24h	300-370	400-500
After 1 Day Curing + Drying at 110°C / 24h	-	550-650
After 3 days	400-480	-
Refractories (°C/OC) Min.	1337/12	1564/420