


AlbaCem

Type of Cement : White Composite Cement
 Standard : CEM II /B-M 52.5N as per BS EN 197-1:2011
 Week No. : 17/21
 Sample Date : 23-29.04.2021 تاريخ العينة :
 Issue Date : 31-May-21

Parameters	Units	Results %	Specification	
Chemical Test Results				
Loss On Ignition	LOI	%	6.20	
Silicon Dioxide	SiO ₂	%	20.14	
Aluminium Oxide	Al ₂ O ₃	%	4.33	
Ferric Oxide	Fe ₂ O ₃	%	0.24	
Calcium Oxide	CaO	%	63.38	
Magnesium Oxide	MgO	%	0.97	
Potassium Oxide	K ₂ O	%	0.26	
Sodium Oxide	Na ₂ O	%	0.18	
Sulphur Trioxide	SO ₃	%	3.55	Max 4.0 %
Chloride	Cl ⁻	%	0.029	Max 0.10 %
Insoluble Residue	IR	%	0.26	
Whiteness	W Lab		93.2	
Physical Test Results				
Fineness (Specific Surface)	Blaines	m ² /kg	448	
+45 µm Residue		%	3.96	
Specific Gravity			2.93	
Initial Setting Time	IST	Minutes	135	Min. 45
Final Setting Time	FST	Minutes	165	
Soundness Le-Chatlier	Expansion	mm	0.5	Max. 10 mm
Compressive Strength (N/mm²)				
2 Days		N/mm ²	33.0	Min 20.0
7 Days		N/mm ²	45.6	
28 Days		N/mm ²	57.4	Min. 52.5

We hereby certify that the above described WHITE PORTLAND COMPOSITE CEMENT - CEM II /B-M (S-LL) 52.5 N, at the time of consignment, meets the Chemical and Physical requirements of the BS EN 197-1:2011.


 Quality Control Manager
 (D. Balasubramanian)