

Report No.: 20220049

Customer :

Type of cement: CEM IV/B (P) 32.5N

Production Period: 1st August - 31st August, 2022


Issue Date: 24th October, 2022


Main Constituents: Clinker and Limestone

Description of test	Test Results	Specifications	Test method
CHEMICAL REQUIREMENTS			
Loss on ignition (%)	3.72		
Insoluble residue (%)	26.99		
Sulphate content (% SO ₃)	2.66	≤ 3.50	EN 196-2
Chloride content (%)	0.02	≤ 0.10	EN 196-2
Total Alkalis (% Na ₂ O _{eq})	1.21		

MECHANICAL AND PHYSICAL REQUIREMENTS			
2 Days Compressive Strength (MPa)	14.9		
7 Days Compressive Strength (MPa)	25.6	≥ 16.0	EN 196-1
28 Days Compressive Strength (MPa)	34.1	≥ 32.5	EN 196-1
Initial Setting Time (minutes)	198	≥ 75	EN 196-3
Final Setting Time (minutes)	280		
Soundness (mm)	1.0	≤ 10.0	EN 196-3
Consistency (%)	32.7		
Fineness (cm ² /g)	4661		

The above complies with the specifications of the European Standard EN 197-1 and with Ghana Standard GS 1118:2016 for Portland Limestone Cement

Signed by: 
 Remi Touvet
 Plant Manager

Signed by: 
 Peter Dickson
 Quality Manager