

An independent testing laboratory specialising in the testing of cementitious materials

## PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	120
CLIENT REFERENCE	PRISM	2023
SHIP REFERENCE	"10-23	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	19-Sep-23	
DATE OF TESTS	19-Sep-23	to 17-Oct-23
DATE OF REPORT	17-Oct-23	

### ALL RESULTS RELATE ONLY TO SAMPLE TESTED CHEMICAL COMPOSITION :- by mass, as received

Density	3160 kg/m <sup>3</sup>	(BSEN 196-6:2010)
Fineness	4260 cm <sup>2</sup> /g	(BSEN 196-3:2016)
Standard Consistance	30.0 %	(BSEN 196-3:2016)
Initial Setting Time	172 mins	(BSEN 196-3:2016)
Soundness	1.0 mm	(BSEN 196-3:2016)

### COMPRESSIVE STRENGTH: MORTAR PRISMS (BSEN 196-1:2016)

AT 2 DAYS	36.4 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	50.7 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	63.3 MPa	(Mean of 6 results, none discarded)

### CHEMICAL COMPOSITION :- by mass, as received

K <sub>2</sub> O	0.53 %	(BSEN 196-2:2013)
Na <sub>2</sub> O	0.18 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (eq)	0.53 %	(BSEN 196-2:2013)
Chloride	0.02 %	(BSEN 196-2:2013)

END OF REPORT

SIGNED:

Certificate signed by:



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Quality Manager