

An independent testing laboratory specialising in the testing of cementitious materials

## PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	126
CLIENT REFERENCE	PRISM	2024
SHIP REFERENCE	"3-24	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	16-Apr-24	
DATE OF TESTS	16-Apr-24	to 14-May-24
DATE OF REPORT	14-May-24	

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.

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

Density	3190 kg/m <sup>3</sup>	(BSEN 196-6:2010)
Fineness	4150 cm <sup>2</sup> /g	(BSEN 196-3:2016)
Standard Consistance	30.5 %	(BSEN 196-3:2016)
Initial Setting Time	157 mins	(BSEN 196-3:2016)
Soundness	1.0 mm	(BSEN 196-3:2016)

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

AT 2 DAYS	32.5 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	47.3 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	62.2 MPa	(Mean of 6 results, none discarded)

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

K <sub>2</sub> O	0.73 %	(BSEN 196-2:2013)
Na <sub>2</sub> O	0.26 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (eq)	0.74 %	(BSEN 196-2:2013)
Chloride	0.03 %	(BSEN 196-2:2013)

END OF REPORT

SIGNED:

Certificate signed by:



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