

An independent testing laboratory specialising in the testing of cementitious materials

## PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	116
CLIENT REFERENCE	PRISM	2023
SHIP REFERENCE	"5-23	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	2-Jun-23	
DATE OF TESTS	2-Jun-23	to 30-Jun-23
DATE OF REPORT	4-Jul-23	

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

Density	3210 kg/m <sup>3</sup>	(BSEN 196-6:2010 )
Fineness	4300 cm <sup>2</sup> /g	(BSEN 196-3:2016)
Standard Consistance	29.0 %	(BSEN 196-3:2016)
Initial Setting Time	192 mins	(BSEN 196-3:2016)
Soundness	0.0 mm	(BSEN 196-3:2016)

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

AT 2 DAYS	34.4 MPa	(Mean of 6 results,none discarded)
AT 7 DAYS	52.2 MPa	(Mean of 6 results,none discarded)
AT 28 DAYS	60.2 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	0.21 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (eq)	0.56 %	(BSEN 196-2:2013)
Chloride	0.02 %	(BSEN 196-2:2013)

## END OF REPORT

SIGNED:

Certificate signed by:



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