

An independent testing laboratory specialising in the testing of cementitious materials

## PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	134
CLIENT REFERENCE	PRISM	2024
SHIP REFERENCE	"10-24	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	3-Dec-24	
DATE OF TESTS	9-Dec-24	to 6-Jan-25
DATE OF REPORT	17-Jan-25	

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.  
CHEMICAL COMPOSITION :- by mass, as received

Density	3150 kg/m <sup>3</sup>	(BSEN 196-6:2010)
Fineness	4070 cm <sup>2</sup> /g	(BSEN 196-3:2016)
Standard Consistance	29.5 %	(BSEN 196-3:2016)
Initial Setting Time	181 mins	(BSEN 196-3:2016)
Soundness	1.0 mm	(BSEN 196-3:2016)

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


AT 2 DAYS	34.1 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	50.3 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	60.5 MPa	(Mean of 6 results, none discarded)

## CHEMICAL COMPOSITION :- by mass, as received

K <sub>2</sub> O	0.47 %	(BSEN 196-2:2013)
Na <sub>2</sub> O	0.25 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (eq)	0.56 %	(BSEN 196-2:2013)
Chloride	0.05 %	(BSEN 196-2:2013)

END OF REPORT

SIGNED:

Certificate signed by:  ✓ S. Burton A.M.I.C.T  
Technical Manager

J.M. Burton

Quality Manager