

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	97
CLIENT REFERENCE	CHEMISTRY	2022
SHIP REFERENCE	"1-22"	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	11-Jan-22	
DATE OF TESTS	11-Jan-22	to 8-Feb-22
DATE OF REPORT	8-Feb-22	

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

Density	3110 kg/m ³	(BSEN 196-6:2010)
Fineness	3970 cm ² /g	(BSEN 196-3:2016)
Standard Consistance	29.5 %	(BSEN 196-3:2016)
Initial Setting Time	165 mins	(BSEN 196-3:2016)
Soundness	0.0 mm	(BSEN 196-3:2016)

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

AT 2 DAYS	34.8 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	51.1 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	67.4 MPa	(Mean of 6 results, none discarded)

CHEMICAL COMPOSITION :- by mass, as received

K ₂ O	0.56 %	(BSEN 196-2:2013)
Na ₂ O	0.15 %	(BSEN 196-2:2013)
Na ₂ O (eq)	0.52 %	(BSEN 196-2:2013)
Chloride	0.03 %	(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