

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	99
CLIENT REFERENCE	CHEMISTRY	2022
SHIP REFERENCE	"3-22"	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	15-Mar-22	
DATE OF TESTS	15-Mar-22	to 12-Apr-22
DATE OF REPORT	12-Apr-22	

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

Density	3110 kg/m³	(BSEN 196-6:2010)
Fineness	4190 cm²/g	(BSEN 196-3:2016)
Standard Consistance	28.0 %	(BSEN 196-3:2016)
Initial Setting Time	146 mins	(BSEN 196-3:2016)
Soundness	1.0 mm	(BSEN 196-3:2016)

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

AT 2 DAYS	34.8 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	54.5 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	69.3 MPa	(Mean of 6 results, none discarded)

CHEMICAL COMPOSITION :- by mass, as received

K ₂ O	0.58 %	(BSEN 196-2:2013)
Na ₂ O	0.21 %	(BSEN 196-2:2013)
Na ₂ O (eq)	0.59 %	(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