

# KIRTON CONCRETE SERVICES LTD

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An independent testing laboratory specialising in the testing of cementitious materials

## PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	TITAN	
WEEKLY REFERENCE	33	2024
SAMPLE	CEM I 52.5N	
SAND	FRENCH	
DATE OF RECEIPT OF SAMPLE	14-Aug-24	
DATE OF TESTS	14-Aug-24	to 11-Sep-24
DATE OF REPORT	11-Sep-24	

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

FINENESS	4210 cm <sup>2</sup> /g	(BSEN 196-6:2010)
STANDARD CONSISTENCE	30.5 %	(BSEN 196-3:2016)
INITIAL SETTING TIME	191 mins	(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	47.6 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	61.6 MPa	(Mean of 6 results, none discarded)

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

CHLORIDE	0.05 %	(BSEN 196-2:2013)
AVERAGE CHLORIDE	0.03 Last 25 Results	
Na <sub>2</sub> O	0.27 %	(BSEN 196-2:2013)
K <sub>2</sub> O	0.55 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (equiv)	0.63 %	(BSEN 196-2:2013)
Na <sub>2</sub> O Average Alkali's	0.64 Last 25 Results	

END OF REPORT

SIGNED:.....

Certificate signed by:



S. Burton A.M.I.C.T  
Technical Manager

J.M. Burton

Quality Manager