

# 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	28	2024
SAMPLE	CEM I 52.5N	
SAND	FRENCH	
DATE OF RECEIPT OF SAMPLE	9-Jul-24	
DATE OF TESTS	9-Jul-24	to 6-Aug-24
DATE OF REPORT	6-Aug-24	

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

FINENESS	4360 cm <sup>2</sup> /g	(BSEN 196-6:2010)
STANDARD CONSISTENCE	29.0 %	(BSEN 196-3:2016)
INITIAL SETTING TIME	172 mins	(BSEN 196-3:2016)


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

AT 2 DAYS	33.3 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	48.2 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	63.2 MPa	(Mean of 6 results, none discarded)

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

CHLORIDE	0.02 %	(BSEN 196-2:2013)
AVERAGE CHLORIDE	0.02 Last 25 Results	
Na <sub>2</sub> O	0.21 %	(BSEN 196-2:2013)
K <sub>2</sub> O	0.45 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (equiv)	0.51 %	(BSEN 196-2:2013)
Na <sub>2</sub> O Average Alkali's	0.56 Last 25 Results	

END OF REPORT

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

**J.M. Burton**  
Quality Manager