

# KIRTON CONCRETE SERVICES LTD

Manor House, Station Road  
Hibaldstow DN20 9EB

T: 01652 656931  
E: office@kirtonlab.co.uk

www.kirtonlab.co.uk



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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	37	2024
SAMPLE	CEM I 52.5N	
SAND	FRENCH	
DATE OF RECEIPT OF SAMPLE	11-Sep-24	
DATE OF TESTS	11-Sep-24	to 9-Oct-24
DATE OF REPORT	9-Oct-24	

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

FINENESS	4450 cm <sup>2</sup> /g	(BSEN 196-6:2010)
STANDARD CONSISTENCE	30.0 %	(BSEN 196-3:2016)
INITIAL SETTING TIME	147 mins	(BSEN 196-3:2016)

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



AT 2 DAYS	33.4 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	48.9 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	60.1 MPa	(Mean of 6 results, none discarded)

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

CHLORIDE	0.02 %	(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	0.53 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (equiv)	0.62 %	(BSEN 196-2:2013)
Na <sub>2</sub> O Average Alkali's	0.62 Last 25 Results	

END OF REPORT

SIGNED:.....

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

J.M. Burton  
 Quality Manager