

An independent testing laboratory specialising in the testing of cementitious materials

## PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	TITAN	
WEEKLY REFERENCE	47	2024
SAMPLE	CEM I 52.5N	
SAND	FRENCH	
DATE OF RECEIPT OF SAMPLE	19-Nov-24	
DATE OF TESTS	19-Nov-24	to 17-Dec-24
DATE OF REPORT	17-Dec-24	

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

FINENESS	4300 cm <sup>2</sup> /g	(BSEN 196-6:2010 )
STANDARD CONSISTENCE	30.0 %	(BSEN 196-3:2016)
INITIAL SETTING TIME	125 mins	(BSEN 196-3:2016)

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

AT 2 DAYS	35.7 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	50.2 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	62.3 MPa	(Mean of 6 results, none discarded)

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

CHLORIDE	0.03 %	(BSEN 196-2:2013)
AVERAGE CHLORIDE	0.04 Last 25 Results	
Na <sub>2</sub> O	0.22 %	(BSEN 196-2:2013)
K <sub>2</sub> O	0.51 %	(BSEN 196-2:2013)
Na <sub>2</sub> O (equiv)	0.56 %	(BSEN 196-2:2013)
Na <sub>2</sub> O Average Alkali's	0.54 Last 25 Results	

END OF REPORT

SIGNED:.....

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

J.M. Burton  
 Quality Manager