

# KIRTON CONCRETE SERVICES LTD

## INDEPENDENT TESTING LABORATORY

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### TEST RESULTS

Client :- TITAN CEMENT LTD. HULL  
Report reference :- TITAN  
Weekly reference :- Week 28 /2017  
Sample :- ORDINARY PORTLAND CEMENT  
Sand :- FRENCH  
Date received :- 11-Jul-17  
Date of tests :- 11-Jul-17 to 08-Aug-17

### Results

FINENESS	3950 cm <sup>2</sup> /g	(BSEN 196-6:2010)
STANDARD CONSISTANCE	29.5 %	(BSEN 196-3:2005)
INITIAL SETTING TIME	150 mins	(BSEN 196-3:2005)

### COMPRESSIVE STRENGTH:- mortar prisms

(BSEN 196-1:2005)

AT 2 DAYS	31.2 Mpa	( Mean of 6 results, none discarded)
AT 7 DAYS	46.3 Mpa	( Mean of 6 results, none discarded)
AT 28 DAYS	66.4 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 <sup>2</sup> O	0.11 %	(BSEN 196-2:2013)
K <sup>2</sup> O	0.52 %	(BSEN 196-2:2013)
Na <sup>2</sup> O (equiv )	0.45 %	(BSEN 196-2:2013)
Na <sup>2</sup> O Average Alkali's	0.44 Last 25 results	

End of Report

THE ABOVE RESULTS COMPLY WITH THE REQUIREMENTS OF

BS EN 197-1:2011 FOR CEM 1 52.5N

Signed.....

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J.M. Burton

Quality Manager

S. Burton ✓

Technical Manager