

# KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY



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## CEMENT TEST RESULTS

Client :- TITAN CEMENT LTD., HULL  
Report Reference :- TITAN 7011  
Week reference :- TITAN 9 2016  
Sample :- ORDINARY PORTLAND CEMENT  
Sand :- FRENCH  
Date of receipt of sample :- 16/03/2016  
Date of tests :- 16/03/2016 to 13/04/2016  
Date of Report :- 12/04/2016

### RESULTS

FINENESS	3840 cm <sup>2</sup> /g	(BS EN196 PART 6:2010)
STANDARD CONSISTENCE	28.0 %	(BS EN196 PART 3:2005)
INITIAL SETTING TIME	175 mins	(EN196 PART 3:2005)

### COMPRESSIVE STRENGTH :- MORTAR PRISMS

(EN196 PART 1:2005)

AT 2 DAYS	31.2 MPa	(Mean of 6 results, none discarded)
AT 7 DAYS	45.6 MPa	(Mean of 6 results, none discarded)
AT 28 DAYS	58.4 MPa	(Mean of 6 results, none discarded)

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

Chloride	0.02 %	(EN196 PART2:2013)
Average Chloride	0.02 last 25 Results	
Na <sub>2</sub> O	0.15 %	(EN196 PART2:2013)
K <sub>2</sub> O	0.56 %	(EN196 PART2:2013)
Na <sub>2</sub> O (equiv)	0.52 %	(EN196 PART2:2013)
Na <sub>2</sub> O Average Alkalis	0.51 last 25 Results	EN197-1:2000 N.B.4.3

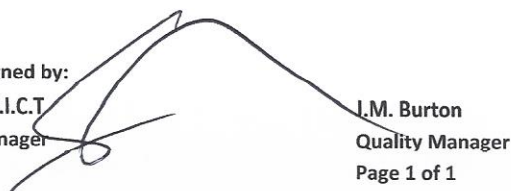
End of Report

THE ABOVE RESULTS COMPLY WITH THE REQUIREMENTS OF  
BS EN 197-1:2011 FOR CEM 1 52.5 N

Signed

Certificate signed by:

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



J.M. Burton  
Quality Manager  
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12/04/2016