

# KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

Manor House, Station Road, Hibaldstow, Brigg, North Lincolnshire, DN20 9EB, England

Telephone: (01652) 656931 : Fax: (01652) 651082 : E-mail Kirtonlab@aol.com



1175

## CEMENT TEST RESULTS

Client :- TITAN CEMENT LTD., HULL  
Report Reference :- TITAN 7012  
Week reference :- TITAN 12 2016  
Sample :- ORDINARY PORTLAND CEMENT  
Sand :- FRENCH  
Date of receipt of sample :- 23/03/2016  
Date of tests :- 23/03/2016 to 20/04/2016  
Date of Report :- 19/04/2016

### RESULTS

FINENESS 4050 cm<sup>2</sup>/g (BS EN196 PART 6:2010)  
STANDARD CONSISTENCE 28.0 % (BS EN196 PART 3:2005)  
INITIAL SETTING TIME 195 mins (EN196 PART 3:2005)

### COMPRESSIVE STRENGTH :- MORTAR PRISMS

(EN196 PART 1:2005)

AT 2 DAYS 30.7 MPa (Mean of 6 results, none discarded)  
AT 7 DAYS 46.7 MPa (Mean of 6 results, none discarded)  
AT 28 DAYS 64.3 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 0.14 % (EN196 PART2:2013)  
K<sub>2</sub>O 0.53 % (EN196 PART2:2013)  
Na<sub>2</sub>O (equiv) 0.49 % (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  
Page 1 of 1

19/04/2016