

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

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CEMENT TEST RESULTS

Client :- TITAN CEMENT LTD., HULL
Report Reference :- TITAN 6051
Week reference :- TITAN 51 2015
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date of receipt of sample :- 22/12/2015
Date of tests :- 22/12/2015 to 19/01/2016
Date of Report :- 19/01/2016

RESULTS

FINENESS 3870 cm²/g (BS EN196 PART 6:2010)
STANDARD CONSISTENCE 28.0 % (BS EN196 PART 3:2005)
INITIAL SETTING TIME 180 mins (EN196 PART 3:2005)

COMPRESSIVE STRENGTH :- MORTAR PRISMS

(EN196 PART 1:2005)

AT 2 DAYS 32.3 MPa (Mean of 6 results, none discarded)
AT 7 DAYS 46.2 MPa (Mean of 6 results, none discarded)
AT 28 DAYS 64.0 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
Na₂O 0.13 % (EN196 PART2:2013)
K₂O 0.52 % (EN196 PART2:2013)
Na₂O (equiv) 0.47 % (EN196 PART2:2013)
Na₂O 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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15/03/2016