

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

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1175

TEST RESULTS

Client :- TITAN CEMENT LTD. HULL
Report reference :- TITAN
Weekly reference :- Week 50 2018
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 11-Dec-18
Date of tests :- 11-Dec-18 to 08-Jan-19

All results are based on sample received from the client

FINENESS	4260 cm ² /g	(BSEN 196-6:2010)
STANDARD CONSISTANCE	29.0 %	(BSEN 196-3:2016)
INITIAL SETTING TIME	189 mins	(BSEN 196-3:2016)

COMPRESSIVE STRENGTH:- mortar prisms

(BSEN 196-1:2016)

AT 2 DAYS	30.4 Mpa	(Mean of 6 results, none discarded)
AT 7 DAYS	49.0 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 %	(BSEN 196-2:2013)
Average Chloride	0.02 Last 25 results	
Na ₂ O	0.15 %	(BSEN 196-2:2013)
K ₂ O	0.57 %	(BSEN 196-2:2013)
Na ₂ O (equiv)	0.53 %	(BSEN 196-2:2013)
Na ₂ O Average Alkali's	0.53 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