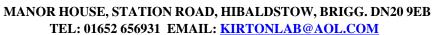
KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY





1175

TEST RESULTS

Client :- TITAN CEMENT LTD. HULL

Report reference :- TITAN

Weekly reference :- Week 20 2020

Sample :- ORDINARY PORTLAND CEMENT

Sand :- FRENCH

Date received :- 19-May-20

Date of tests :- 19-May-20 to 16-Jun-20

All results are based on sample received from the client

FINENESS 4380 cm²/g (BSEN 196-6:2010)

STANDARD CONSISTANCE 30.0 % (BSEN 196-3:2016)

INITIAL SETTING TIME 146 mins (BSEN 196-3:2016)

COMPRESSIVE STRENGTH:- mortar prisms (BSEN 196-1:2016)

AT 2 DAYS 39.6 Mpa (Mean of 6 results, none discarded)

AT 7 DAYS 54.3 Mpa (Mean of 6 results, none discarded)

AT 28 DAYS 62.0 Mpa (Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride 0.04 % (BSEN 196-2:2013)

Average Chloride 0.03 Last 25 results

Na₂O 0.15 % (BSEN 196-2:2013)

K₂O 0.67 % (BSEN 196-2:2013)

Na₂O (equiv) 0.59 % (BSEN 196-2:2013)

Na₂O Average Alkali's 0.57 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...... Page 1 of 1

J.M. Burton Quality Manager

S. Burton Technical Manager