

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

| | | |
|---------------------------|-------------|--------------|
| REPORT REFERENCE | TITAN | |
| WEEKLY REFERENCE | 35 | 2024 |
| SAMPLE | CEM I 52.5N | |
| SAND | FRENCH | |
| DATE OF RECEIPT OF SAMPLE | 2-Sep-24 | |
| DATE OF TESTS | 2-Sep-24 | to 30-Sep-24 |
| DATE OF REPORT | 30-Sep-24 | |

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.

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|----------------------|-------------------------|-------------------|
| FINENESS | 4400 cm ² /g | (BSEN 196-6:2010) |
| STANDARD CONSISTENCE | 30.0 % | (BSEN 196-3:2016) |
| INITIAL SETTING TIME | 179 mins | (BSEN 196-3:2016) |

COMPRESSIVE STRENGTH: MORTAR PRISMS (BSEN 196-1:2016)

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|------------|----------|-------------------------------------|
| AT 2 DAYS | 36.3 MPa | (Mean of 6 results, none discarded) |
| AT 7 DAYS | 47.0 MPa | (Mean of 6 results, none discarded) |
| AT 28 DAYS | 60.7 MPa | (Mean of 6 results, none discarded) |

CHEMICAL COMPOSITION :- by mass, as received

| | | |
|------------------------------------|----------------------|-------------------|
| CHLORIDE | 0.05 % | (BSEN 196-2:2013) |
| AVERAGE CHLORIDE | 0.03 Last 25 Results | |
| Na ₂ O | 0.28 % | (BSEN 196-2:2013) |
| K ₂ O | 0.54 % | (BSEN 196-2:2013) |
| Na ₂ O (equiv) | 0.64 % | (BSEN 196-2:2013) |
| Na ₂ O Average Alkali's | 0.62 Last 25 Results | |

END OF REPORT

SIGNED:.....

Certificate signed by: 
 S. Burton A.M.I.C.T
 Technical Manager

J.M. Burton
 Quality Manager