

**CONCRETE CYLINDER COMPRESSION
TEST REPORT**



Neocrete Ltd

7 Doctors Common
Mt. Victoria
Wellington 6011

Attention: Zarina Bazoeva/Matt Kennedy-Good

Project : **D5 testing**
Cement sample : **Golden Bay Cement 'Eversure' Type GP (25 kg bags)**
D5 sample: **07.07.18 '126'**

Concrete mixed by: **WSP Opus Research**
Date mixed: **02/04/2019**
Batch volume: **35 L**
Grade: **35 MPa**
Actual slump (mm): **110 (Note 2)**
Specified slump (mm): **140+/-10**

| | |
|------------------------|------------------|
| Project No : | 524F25.00 |
| Lab Ref No : | 4-19/455 |
| Client Ref No : | D5 - 2% |

| Test Results | | | | | |
|--|--|-------------|--------|-------------|--------|
| Date tested | | 3/04/19 | | 5/04/19 | |
| Age at test (days) | | 24 hrs | | 3 | |
| Average diameter (mm) | | 100.0 | 100.2 | 100.1 | 100.3 |
| Height (mm) | | 200.5 | 200.0 | 200.0 | 200.5 |
| Height to diameter ratio | | 2.01 | 2.00 | 2.00 | 2.00 |
| Compressive strength (MPa) | | 15.5 | 15.5 | 30.5 | 28.5 |
| Corrected comp.strength (Note 1) (MPa) | | - | - | - | - |
| Ave compressive strength (MPa) | | 15.5 | | 27.5 | |
| Ends capped | | None | None | None | None |
| Defects prior to testing | | None | None | None | None |
| Failure mode | | Normal | Normal | Normal | Normal |

| Test Methods | Notes |
|---|--|
| Compressive strength: NZS 3112:Part 2: 1986 Clauses 5 & 6 Capping: NZS 3112 : 1986, Pt 2 Clause 4 (amendment No 2 2000) Correction for height to diameter ratio: in-house method CL-04-511. | 1. Strengths of specimens with height to diameter ratio 1.00 to 1.90 are corrected to account for the effect of the reduced height to diameter. 2. Fresh concrete properties have been reported separately. 3. 7&28 day strengths will be reported separately as p2. |

Date reported : 08/04/19

IANZ Approved Signatory

D. Wong

Designation : Concrete Technologist

Date : 08/04/19

Testing is covered by IANZ Accreditation

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