

**CONCRETE COMPRESSION
TEST REPORT**

RIS



Project: **Material Evaluation**
 Location: **Foxton Plant**
 Client: **Mastermix and Packaging Ltd**
 Contractor: **Mastermix and Packaging Ltd**
 Sampled by: **Client**
 Date sampled: **07/11/07**
 Sampling method: **Unknown**
 Sample condition: **Premix Bag**
 Source: **Foxton Plant**
 Grade: **-**
 Actual slump (mm): **-**
 Specified slump (mm): **-**
 Date received: **08/11/07**

| | |
|------------------------|----------------------|
| Project No : | 5WT033.M5 |
| Lab Ref No : | Report 2883.1 |
| Client Ref No : | R15 A |

| Test Results | | | | |
|------------------------------|----------|----------|----------|----------|
| Lab reference no | 2883 | 2883 | 2883 | 2883 |
| Client reference no | A | B | C | D |
| Date made | 13/11/07 | 13/11/07 | 13/11/07 | 13/11/07 |
| Date tested | 20/11/07 | 20/11/07 | 21/11/07 | 11/12/07 |
| Age of material (days) | 7 | 7 | 8 | 28 |
| Average diameter (mm) | 100.3 | 99.6 | 101.3 | 100.2 |
| Length (mm) | 200.0 | 201.0 | 203.5 | 200.5 |
| Mass of cylinder in air (g) | 3884.3 | 3881.4 | 4070 | 3876.3 |
| Design strength (MPa) | | | | |
| Density (kg/m ³) | 2470 | 2470 | 2470 | 2470 |
| Height diameter ratio | 2.00 | 2.02 | 2.01 | 2.00 |
| Compressive strength (MPa) | 38.5 | 42.5 | 42.0 | 52.0 |
| Number of ends capped | One | One | One | One |
| Defects prior to capping | Nil | Nil | Nil | Nil |

Comments


Cylinders were moulded to NZS 3112: Part 2: Section 3
 3.4.1b, Compaction by Vibrating table
 3.4.2a, Hardened vertically

| Test Methods | Notes |
|--|-------|
| Compression, NZS 3112 : 1986, Pt 2 Clause 6 Density, NZS 3112 : 1986, Pt 3 Clause 5 Capping NZS 3112 : 1986, Pt 2 Clause 4 (amendment No 2 2000) | |

Date reported : 11/12/07

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IANZ Approved Signatory

Designation : R Jones
 Date : Laboratory Manager
 15/12/07 



All tests reported herein have been performed in accordance with the laboratory's scope of accreditation

CONCRETE COMPRESSION TEST REPORT



Project: Material Evaluation
Location: Foxton Plant
Client: Mastermix and Packaging Ltd
Contractor: Mastermix and Packaging Ltd
Sampled by : Client
Date sampled : 07/11/07
Sampling method : Unknown
Sample condition Premix Bag
Source : Foxton Plant
Grade : -
Actual slump (mm): -
Specified slump (mm): -
Date received: 08/11/07

| | |
|------------------------|----------------------|
| Project No : | 5WT033.M5 |
| Lab Ref No : | Report 2883.2 |
| Client Ref No : | R15 A |

Test Results

| | 2883 | 2883 | | |
|------------------------------|----------|----------|--|--|
| | E | F | | |
| Lab reference no | 2883 | 2883 | | |
| Client reference no | E | F | | |
| Date made | 13/11/07 | 13/11/07 | | |
| Date tested | 16/11/07 | 16/11/07 | | |
| Age of material (days) | 3 | 3 | | |
| Average diameter (mm) | 101.7 | 99.8 | | |
| Length (mm) | 203.5 | 200.0 | | |
| Mass of cylinder in air (g) | 4033.9 | 3832.2 | | |
| Design strength (MPa) | | | | |
| Density (kg/m ³) | 2450 | 2450 | | |
| Height diameter ratio | 2.00 | 2.00 | | |
| Compressive strength (MPa) | 23.5 | 24.5 | | |
| Number of ends capped | One | One | | |
| Defects prior to capping | Nil | Nil | | |

Comments

Cylinders were moulded to NZS 3112: Part 2: Section 3
 3.4.1b, Compaction by Vibrating table
 3.4.2a, Hardened vertically

Test Methods

Compression, NZS 3112 : 1986, Pt 2 Clause 6
 Density, NZS 3112 : 1986, Pt 3 Clause 5
 Capping NZS 3112 : 1986, Pt 2 Clause 4 (amendment No 2 2000)

Notes

Date reported : 16/11/07

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IANZ Approved Signatory

R Jones
 Designation : Laboratory Manager
 Date : 15/12/07



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