

**CONCRETE COMPRESSION
TEST REPORT**



Project: **Production Quality Control**
 Location: **21 Bergin Rd, Foxton**
 Client: **Mastermix & Packaging Ltd**
 Contractor: **Mastermix & Packaging Ltd**
 Sampled by: **Client**
 Date sampled: **28/03/17**
 Sampling method: **Unknown**
 Sample conditioning: **Water bath**
 Source: **Foxton Plant**
 Grade: **Unknown**
 Actual slump (mm): **N/A**
 Specified slump (mm): **N/A**
 Date received: **28/03/2017**

Project No:	SWTLMM.16
Lab Ref No:	Report WA65.1
Client Ref No:	Rapid Repair (RR)

Test Results				
Lab reference no	WA65	WA65	WA65	WA65
Client reference no	A	B	C	D
Date made	11/04/2017	11/04/2017	11/04/2017	11/04/2017
Date tested	11/04/2017	11/04/2017	12/04/2017	12/04/2017
Age of material (hours)	2	2	24	24
Average diameter (mm)	101.7	100.0	101.8	100.1
Length (mm)	204.0	201.5	204.5	201.0
Mass of cylinder in air (g)	3261.4	3111.8	3445.2	3273
Design strength (MPa)	-	-	-	-
Density (kg/m ³)	1980	1980	2080	2080
Height diameter ratio	2.00	2.01	2.01	2.01
Compressive strength (MPa)	19.5	19.0	36.5	37.0
Number of ends capped	NIL	NIL	ONE	ONE
Defects prior to capping	NIL	NIL	NIL	NIL

Comments

Moulded using 130 ml of water per kg of mix.

Test Methods
 Moulding & Curing, NZS 3112 : 1986, Pt 2 Section 3 (amendment No 2 2000)
 Capping NZS 3112 : 1986, Pt 2 Section 4 (amendment No 2 2000)
 Compression, NZS 3112 : 1986, Pt 2 Section 6, Density, NZS 3112 : 1986, Pt 3 Section 5

Sampling is not covered by IANZ Accreditation. Results apply only to sample tested.

Date reported : 12/04/2017

This report may only be reproduced in full.

IANZ Approved Signatory

S Darby

Designation : *Senior Laboratory Technician*

Date : 18/05/2017



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

**CONCRETE COMPRESSION
TEST REPORT**



Project: **Production Quality Control**
 Location: **21 Bergin Rd, Foxton**
 Client: **Mastermix & Packaging Ltd**
 Contractor: **Mastermix & Packaging Ltd**
 Sampled by: **Client**
 Date sampled: **28/03/17**
 Sampling method: **Unknown**
 Sample Conditioning: **Water bath**
 Source: **Foxton Plant**
 Grade: **Unknown**
 Actual slump (mm): **N/A**
 Specified slump (mm): **N/A**
 Date received: **28/03/17**

Project No:	SWTLM.15
Lab Ref No:	Report WA65.2
Client Ref No:	Rapid Repair (RR)

Test Results				
Lab reference no	WA65	WA65	WA65	WA65
Client reference no	E	F	G	H
Date made	11/04/2017	11/04/2017	11/04/2017	11/04/2017
Date tested	18/04/2017	18/04/2017	9/05/2017	9/05/2017
Age of material (days)	7	7	28	28
Average diameter (mm)	103.4	101.7	100.1	100.1
Length (mm)	203.5	204.0	200.5	201.0
Mass of cylinder in air (g)	3527.3	3422.9	3266.4	3271.7
Design strength (MPa)	-	-	-	-
Density (kg/m ³)	2060	2060	2070	2070
Height diameter ratio	1.97	2.01	2.00	2.01
Compressive strength (MPa)	39.0	42.0	45.0	44.0
Number of ends capped	ONE	ONE	ONE	ONE
Defects prior to capping	NIL	NIL	NIL	NIL

Comments

Moulded using 130 ml of water per kg of mix.

Test Methods

Moulding & Curing, NZS 3112 : 1986, Pt 2 Section 3 (amendment No 2 2000)
 Capping NZS 3112 : 1986, Pt 2 Section 4 (amendment No 2 2000)
 Compression, NZS 3112 : 1986, Pt 2 Section 6, Density, NZS 3112 : 1986, Pt 3 Section 5

Date reported : 9/05/2017

Sampling is not covered by IANZ Accreditation. Results apply only to sample tested.

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IANZ Approved Signatory

S Darby

Designation : *Senior Laboratory Technician*

Date : 18/05/2017



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