

**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 : **28/06/17**
Sampling method : **Unknown**
Sample Conditioning: **Nil**
Source : **Foxton Plant**
Grade : **Unknown**
Actual slump (mm): **N/A**
Specified slump (mm): **N/A**
Date received: **28/06/2017**

Project No:	5WTLMM.16
Lab Ref No:	Report WA109.1
Client Ref No:	MM

Test Results				
	WA109	WA109	WA109	WA109
	A	B	C	D
Lab reference no	WA109	WA109	WA109	WA109
Client reference no	A	B	C	D
Date made	29/06/2017	29/06/2017	29/06/2017	29/06/2017
Date tested	6/07/2017	6/07/2017	27/07/2017	27/07/2017
Age of material (days)	7	7	28	28
Average diameter (mm)	103.4	101.6	100.1	101.4
Length (mm)	201.0	200.5	198.5	201.5
Mass of cylinder in air (g)	3551.2	3441.8	3287.4	3446.6
Design strength (MPa)	-	-	-	-
Density (kg/m ³)	2120	2120	2130	2120
Height diameter ratio	1.94	1.97	1.98	1.99
Compressive strength (MPa)	41.0	44.0	55.0	55.0
Number of ends capped	One	One	One	One
Defects prior to capping	Nil	Nil	Nil	Nil

Comments

Moulded using 133ml of water / 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 : 27/07/17

This report may only be reproduced in full.

IANZ Approved Signatory

R Jones

Designation : Laboratory Manager

Date : 3/08/2017



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