

**CONCRETE COMPRESSION
TEST REPORT**



Project: **Production Testing**
 Location: **Foxton Plant**
 Client: **Master Mix & Packaging Ltd**
 Contractor: **Master Mix & Packaging Ltd**
 Sampled by: **Client**
 Date sampled: **07/07/09**
 Sampling method: **Unknown**
 Sample condition: **As received, dry, sealed**
 Source: **Master Mix & Packaging Ltd**
 Grade: **Mortar Mix, Waterproof**
 Actual slump (mm): **-**
 Specified slump (mm): **-**
 Date received: **07/07/09**

Project No : 5WT033.M5
Lab Ref No : Report 3699.1
Client Ref No : MM, Waterproof

Test Results				
Lab reference no	3699	3699	3699	3699
Client reference no	MM A	MM B	MM C	MM D
Date made	07/07/09	07/07/09	07/07/09	07/07/09
Date tested	14/07/09	14/07/09	04/08/09	04/08/09
Age of material (days)	7	7	28	28
Average diameter (mm)	101.5	101.7	101.5	99.8
Length (mm)	203.0	203.5	203.5	201.0
Mass of cylinder in air (g)	3279.7	3287.1	3322.6	3177.1
Design strength (MPa)	-	-	-	-
Density (kg/m ³)	1990	1990	2020	2020
Height diameter ratio	2.00	2.00	2.01	2.01
Compressive strength (MPa)	22.5	23.5	27.0	27.5
Number of ends capped	One	One	One	One
Defects prior to capping	Nil	Nil	Nil	Nil

Comments

Water added:- 133ml per kg.
 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 : 04/08/09

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IANZ Approved Signatory

R Jones

Designation : Laboratory Manager

Date : 05/08/09



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