

**CONCRETE COMPRESSION
TEST REPORT**



Project : **Product Development**
 Location : **Foxton Plant**
 Client : **Mastermix & Packaging Ltd**
 Contractor : **na**
 Sampled by : **Client**
 Date sampled : **30/05/06**
 Sampling method : **Unknown**
 Sample description : **Mortar Mix**
 Sample condition : **As received, sealed, dry**
 Source : **Mixed in lab**
 Grade : **na**
 Actual slump (mm) : **na**
 Specified slump (mm) : **na**

Project No :	5WT033.M5
Lab Ref No :	2121 (Report 2121.1)
Client Ref No :	Mortar Mix

Test Results		
Lab reference no Client reference no	A	B
Date made	01/06/06	01/06/06
Date tested	08/06/06	08/06/06
Age of material (days)	7	7
Average diameter (mm)	101.5	103.1
Length (mm)	201.9	201.8
Mass of block in air (g)	3054	3186
Design strength (MPa)	-	-
Density (kg/m ³)	1870	1880
Height diameter ratio	1.99	1.96
Compressive strength (MPa)	13.5	14.0
Ends capped	One	One
Defects prior to testing	Nil	Nil

Comments
2400ml of water per 16kg of Mortar Mix 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)	See LR2121.2 for 28 day results.

Date reported : 10/07/06

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IANZ Approved Signatory
S Darby
 Designation : *Senior Laboratory Technician*
 Date : 10/07/06



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

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TEST REPORT**



Project : Product Development
 Location : Foxton Plant
 Client : Mastermix & Packaging Ltd
 Contractor : na
 Sampled by : Client
 Date sampled : 30/05/06
 Sampling method : Unknown
 Sample description : Mortar Mix
 Sample condition : As received, sealed, dry
 Source : Mixed in lab
 Grade : na
 Actual slump (mm) : na
 Specified slump (mm) : na

Project No : 5WT033.M5
 Lab Ref No : 2121 (Report 2121.2)
 Client Ref No : Mortar Mix

Test Results		
Lab reference no	C	D
Client reference no		
Date made	01/06/06	01/06/06
Date tested	29/06/06	29/06/06
Age of material (days)	28	28
Average diameter (mm)	100.1	100.1
Length (mm)	198.6	199.4
Mass of block in air (g)	2933	2961
Design strength (MPa)	-	-
Density (kg/m ³)	1880	1890
Height diameter ratio	1.98	1.99
Compressive strength (MPa)	19.5	19.0
Ends capped	ONE	ONE
Defects prior to testing	NIL	NIL

Comments
2400ml of water per 16kg of Mortar mix 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)	See LR2121.1 for 7 day results.

Date reported : 10/07/06

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 S Darby *S Darby*
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