

**CONCRETE COMPRESSION
TEST REPORT**



Project : **Product Development**
 Location : **Foxton Plant**
 Client : **Mastermix & Packaging Ltd**
 Contractor : **na**
 Sampled by : **Client**
 Date sampled : **15/08/06**
 Sampling method : **Unknown**
 Sample description : **Culvert 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 :	2212 (Report 2212.2)
Client Ref No :	Culvert Mix

Test Results		
	C	D
Lab reference no		
Client reference no		
Date made	22/08/06	22/08/06
Date tested	19/09/06	19/09/06
Age of material (days)	28	28
Average diameter (mm)	101.6	101.7
Length (mm)	203.1	203.3
Mass of block in air (g)	3275	3253
Design strength (MPa)	-	-
Density (kg/m ³)	1990	1980
Height diameter ratio	2.00	2.00
Compressive strength (MPa)	27.0	28.5
Ends capped	ONE	ONE
Defects prior to testing	NIL	NIL

Comments
Water added:- 150ml per kg. Cylinders were moulded to NZS 3112: Part 2: Section 3 3.4.1a, Compaction by Rodding 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 LR2212.1 for 7 day results.

Date reported : 19/09/06

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IANZ Approved Signatory

R Jones

Designation : *Laboratory Manager*

Date : 17/10/06



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