





Specifications

These blocks are made of reconstituted stone, natural colouring and special additives. All stones carry a structural strength of 35 neutons (minimum).

Colours Available (Integral Colouring) : Weathered Sandstone - Slate Grey - Charcoal .

<p>Full Block -</p> 	<table border="1"> <thead> <tr> <th>Size MM</th> <th>No. / Sq Metre</th> </tr> </thead> <tbody> <tr> <td>L W H 600 x 110 x 150 (2 Blocks / Lineal Metre)</td> <td>12</td> </tr> </tbody> </table>	Size MM	No. / Sq Metre	L W H 600 x 110 x 150 (2 Blocks / Lineal Metre)	12
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<p>Infill Block -</p> 	<table border="1"> <thead> <tr> <th>Size MM</th> <th>No. / Sq Metre</th> </tr> </thead> <tbody> <tr> <td>100 x 110 x 70</td> <td>N/A</td> </tr> </tbody> </table>	Size MM	No. / Sq Metre	100 x 110 x 70	N/A
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<p>Pier Cap -</p> 	<table border="1"> <thead> <tr> <th>Size MM</th> <th>No. / Sq Metre</th> </tr> </thead> <tbody> <tr> <td>610 x 610 x 40</td> <td>N/A</td> </tr> </tbody> </table>	Size MM	No. / Sq Metre	610 x 610 x 40	N/A
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<p>Coping Stone -</p> 	<table border="1"> <thead> <tr> <th>Size MM</th> <th>No. / Sq Metre</th> </tr> </thead> <tbody> <tr> <td>500 x 140 x 40 (2 Blocks / Lineal Metre)</td> <td>N/A</td> </tr> </tbody> </table>	Size MM	No. / Sq Metre	500 x 140 x 40 (2 Blocks / Lineal Metre)	N/A
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BRANZ Structures Laboratory

Results of Bond wrench tests

Client: Village Stone (NZ) LTD

Job Number: ST0102sm27

Tests in accordance with AS 3700:1998

Origin of sample: Client (Chch)

Nominal brick size: Irregular

Specimens made by: R Shelton
 Date: 7/07/2002

Testing carried out by: RH Shelton
 Date: 11/07/2002

Specimen	Load cell reading	Brick mass (kg)	Bond strength (kPa)
1	1.34	7.20	308
2	1.69	6.55	385
3	1.07	7.49	250
4	1.15	7.18	268
5	2.32	7.92	520
6	1.42	7.33	326
Mean:			<u>346</u>
Code compliance value:			200
(NZS 4210)			

Comments: Blocks as received were cut to length for testing.
 Block bedding surfaces were wire brushed before mortaring.
 Mortar used was Dricon "Trade mortar", 3:1 sand:cement, with plasticiser.

Report by:

Date: 17/07/2002

CEMENT and CONCRETE SERVICES

CLIENT: Village Stone
JOB: Compression Testing
SAMPLES SUPPLIED: Imitation Stone Concrete Block
DATE AND LOCATION OF SAMPLING: Ex Christchurch, date unknown
DATE RECEIVED: 1/07/2002
DATE MANUFACTURE: 1 - 6 - 2002

CAPPING TYPE: Full unit
ORIENTATION OF TEST: As laid

TEST TYPE: Determination of Compressive Strength of Masonry
Units/Segmental Pavers
TEST METHOD: AS/NZS 4456.4:1997

TEST RESULTS:

Unit Mark	Nett Area (mm ²)	Failure Load (kN)	Aspect ratio factor (K _a)	Compressive Strength (MPa)
1	33,432	860	0.76	19
2	31,600	1,048	0.76	25
3	32,076	1,184	0.76	28
4	36,218	1,028	0.75	21
5	32,625	957	0.75	22
6	32,625	887	0.75	20
7	35,672	1,328	0.75	28
8	33,516	816	0.76	18
9	31,790	816	0.76	19
10	33,012	879	0.76	20
Mean				22
Standard Deviation				3.6

Notes: (i) For Conditions of Issue, refer overleaf.
(ii) Samples tested in "as-received" condition

Tested by : C D Fraser

Date : 15/07/2002

Checked by : *Neil Lee*
N P Lee

C D Fraser
C D Fraser
Technician