

**LABORATORIES**

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Client : HydroCon

Job Number : 10759

Unit Type: Block

Lot ID: HydroSTON 50 Block / 200 x 100 x 50 mm

Material: HydroSTON Quartz

Coring Pattern & Direction: -

WorkSize (mm): -

Test: Compressive Strength Testing Of Masonry Units

Method: AS/NZS 4456.4

Sample Conditioning: Nil

Orientation of Units when Tested: As Laid

Capping: Full Face

Capping Material: Masonite

Manufacturing Date: Nov 2018

Receipt Date: 12/03/2019

Sampled by: Client

Sampling Date: Not Advised

Age at Test (Days): -

Test Date: 13/03/2019

Specimen	Dimensions (mm)			Load (kN)	Aspect Ratio	Aspect Ratio Factor (Ka)	Unconfined Compressive Strength (MPa)
	W	L	H				
1	100	200	50	599.5	0.5	0.5	16.0
2	100	200	50	610.0	0.5	0.5	16.0
3	100	200	50	601.5	0.5	0.5	16.0
4	100	200	50	593.0	0.5	0.5	16.0
5	100	200	50	564.5	0.5	0.5	15.0
6	100	200	50	533.5	0.5	0.5	14.0
7	100	200	50	604.5	0.5	0.5	16.0
8	100	200	50	565.0	0.5	0.5	15.0
9	100	200	50	557.5	0.5	0.5	15.0
10	100	200	50	600.0	0.5	0.5	16.0
Mean							16
Std Dev							0.7
Characteristic Strength							12.3

Note 1: Worksize dimensions noted above

Note 2: Mean and standard deviation calculated to AS 4456.2

Note 3: Where stated, Characteristic strength calculated in accordance with AS 4455.1, 2 or 3 as appropriate

David Wilmshurst
Approved Signatory