



BEMAC LABORATORIES

A Division of Mahaffey Associates Pty Ltd.
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Client : HydroCon
Job Number : 10759

Sample Conditioning: Nil
Orientation of Units when tested: Inverted

Unit Type: Paver
Lot ID: HydrSTOn 80
Material: HydrSTON Quartz
Coring Pattern & Direction: Not Applicable
WorkSize (mm): 206 x 136 x 80 mm

Manufacturing Date: Sept 2018
Receipt Date: 12/03/2019
Sampled by: Client

Sampling Date: Not Advised
Age at Test (Days) -
Test Date: 14/03/2019

Test: Breaking Load Testing Of Paving Units
Method: AS/NZS 4456.5

Specimen	Dimensions (mm)			Breaking Load (kN)	Modulus of Rupture (MPa)
	Length	Width	Depth		
1	206	136	80	12.6	3.3
2	206	136	80	14.6	3.8
3	206	136	80	12.2	3.1
4	206	136	80	13.8	3.6
5	206	136	80	16.6	4.3
6	206	136	80	15.9	4.1
7	206	136	80	16.3	4.2
8	206	136	80	17.5	4.5
9	206	136	80	12.6	3.2
10	206	136	80	12.5	3.2
Mean				14.5	3.7
Std Dev				2.0	0.5
Characteristic Strength				9.0	2.3

Comments:

Note 1: Worksize Dimensions noted above.

Note 2: Strength results quoted to the nearest 0.1 kN and 0.1MPa, respectively

Note 3: Mean and standard deviation calculated to AS 4456.2

Note 4: Where stated, Characteristic strength calculated in accordance with AS 4455.1, 2 or 3 as appropriate


David Wilmshurst
Approved Signatory

The results of the tests, and/or measurements included in this document are traceable to Australian standards.
Accredited for compliance with ISO/IEC 17025 - Testing

