



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: Flag
Lot ID: HydroSTON 50 XLFlag
Material: HydrSTON Quartz
Coring Pattern & Direction: Not Applicable
WorkSize (mm): 400 mm X 400 mm X 50 mm

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

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	400	400	50	6.3	3.3
2	400	400	50	6.5	3.4
3	400	400	50	7.3	3.8
4	400	400	50	5.9	3.1
5	400	400	50	5.5	2.9
6	400	400	50	6.6	3.5
7	400	400	50	5.5	2.9
8	400	400	50	6.5	3.4
9	400	400	50	6.0	3.1
10	400	400	50	6.2	3.2
Mean				6.2	3.3
Std Dev				0.6	0.3
Characteristic Strength				4.0	2.1


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

