



BEMAC LABORATORIES

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Client: Hydrcon

Job Number: 10759

Project: HydrdoSTON Quartz

Section: HydrdoSTON 50 Flag 300 x 300 x 50 mm

Sample Location: Not Applicable

Mix Details: Not Advised

Date Cast: Jun 2018

Date Cored: 15/03/2019

Sampling Method: Coring

Compaction Method: Not Advised

Date Received: 12/03/2019

Test Date: 28/03/2019

Age at Test Date (Days): -

Curing Period (days): -

Test Type: Water permeability of No Fine Concrete
(Falling head laboratory permeameter)

Test Method: RTA Test Method T377

Permeameter Diameter (mm): 154.0

Specimen	Specimen			Head		Time (Sec)	Hydraulic Gradient <i>i</i>	Permeability (m/s)
	Diameter <i>D_m</i> (mm)	Height <i>h_m</i> (mm)	Density (kgm ⁻³)	Initial (mm)	Residual (mm)			
1	146.7	51.3	2000	1000	200	39.1	12.70	0.0018
2	146.5	51.3	2020	1000	200	55.9	12.70	0.0012
3	147.2	51.1	1980	1000	200	53.8	12.74	0.0013

Note: Diameters noted above are the average of 3 measurements


David Mahaffey
Approved Signatory