

**BEMAC LABORATORIES**

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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  
 Accreditation No. 1393



**Client :** Timbercree  
**Job Number :** 11390  
**Unit Type:** Block  
**Lot ID:** -  
**Material:** Timbercrete  
**Coring Pattern & Direction:** Nil  
**WorkSize (mm):** 185 x 390 x 165  
  
**Test:** Compressive Strength Testing Of Masonry Units  
**Method:** AS/NZS 4456.4

**Sample Conditioning:** -  
**Orientation of Units when Tested:** As Laid  
**Capping:** Full Face  
**Capping Material:** Low Density Fibreboard  
**Manufacturing Date:** Not Advised  
**Receipt Date:** 8/02/2019  
**Sampled by:** Client  
**Sampling Date:** Not Advised  
**Age at Test (Days):** -  
**Test Date:** 8/02/2019

Specimen	Dimensions (mm)			Load (kN)	Aspect Ratio	Aspect Ratio Factor ( $K_a$ )	Unconfined Compressive Strength (MPa)	
	Width	Length	Height					
1	185	190	165	207	0.89	0.66	3.9	
							Mean	-
							Std Dev	-
							Characteristic Strength	-

- Note 1: Worksize Dimensions noted above. Determined Dimensions noted above  
 Note 2: Compressive strength results less than 10MPa quoted to the nearest 0.1MPa, otherwise to the nearest 1MPa  
 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  
 Note 5: Unit cut into half-length pieces. One half tested only.

David Wilmshurst  
 Approved Signatory