

**PUSAT PENYELIDIKAN MINERAL  
JABATAN MINERAL DAN GEOSAINS  
JALAN SULTAN AZLAN SHAH  
34100 IPOH, PERAK DARUL RIDZUAN  
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**List of Physical Characterisation test provided by Dimensional Stone Unit**

<b>No</b>	<b>Test</b>	<b>Method</b>	<b>Size , w x l x t (mm)</b>	<b>No. of specimens</b>	<b>Time taken ( Days )</b>	<b>Cost / test ( RM )</b>
1	Water Absorption	ASTM C97	55 x 55 x 55	6	5	80.00
2	Specific gravity					
3	Compressive Strength ( dry / wet )	ASTM C170	55 x 55 x 55	6	4	100.00
4	Modulus of Rupture ( dry / wet )	ASTM C99	100 x 200 x 60	6	4	100.00
5	Flexural Strength ( dry / wet )	ASTM C880	100 x 350 x 30	6	4	100.00
6	Coefficient of Thermal Expansion	ASTM C531	25 x 25 x 250	5	5	80.00
7	Abrasion Resistance	ASTM C241	50 x 50 x 30	4	3	80.00
8	Abrasion Resistance by Taber Abraser	ASTM C1353	100 X100 X10	4	3	80.00

Cost effective 1 January 1999  
Updated 28 Ogos 2019