

**THERMAL CONDUCTIVITY**

Date : 29th January 2020

To whom it may concern,  
Please refer to table below for Brownie slab product details:

R-Value	Dimension			m2/pack	m2/Bale	Pcs/Pack	Packs/Bale	Thermal Conductivity (W/mK) to 3dp
	Thickness (mm)	Width (m)	Length (m)					
<b>NZ Brownie Wall Slab</b>								
R 2.2	90	0.58	1.14	10.58	84.63	16	8	0.0395
R 2.4	90	0.58	1.14	7.93	63.48	12	8	0.0363
R 2.6	90	0.58	1.14	5.29	42.32	8	8	0.0335
R 2.8	90	0.58	1.14	3.97	31.74	6	8	0.0320
R 3.2	140	0.58	1.14	8.60	68.76	13	8	0.0396
R 3.6	140	0.58	1.14	5.95	47.61	9	8	0.0370
R 4.1	140	0.58	1.14	3.97	31.74	6	8	0.0340
<b>NZ Brownie Ceiling Slab</b>								
R 3.2	140	0.432	1.22	11.59	92.76	22	8	0.0436
R 3.6	160	0.432	1.22	6.32	50.60	12	8	0.0417
R 4.0	180	0.432	1.22	5.27	42.16	10	8	0.0449
R 5.0	220	0.432	1.22	4.22	33.73	8	8	0.0419
R 6.0	230	0.432	1.22	3.16	25.30	6	8	0.0370

Brownie slab products can meet AS/NZS4859:1:2002 Materials used in the Thermal Insulation of Buildings and comply with the New Zealand Building Code requirements : B2 - Durability, C3 - Fire affecting areas beyond the source, E3 - Internal Moisture, F2 - Hazardous building materials and H1 - Energy efficiency, as certified by Bureau Veritas.

**PGF Insulation Sdn. Bhd.** (228905-M)

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