







## MEDIUM DENSITY COMPARAISON CHART

		GENYK "Boreal Nature" 	DEMILEC "Heatlok SOYA" 	ICYNENE "MD-C-200" 	BASF "'Walltite ECO" 	Premium "'Foamsulate" 	GENYK "'Boreal" 
PROPERTIES	TEST METHOD	VALUE	VALUE	VALUE	VALUE	VALUE	VALUE
CUFCA APPROVED	N/A	YES	YES	NO	NO	NO	YES
LTTR R-Value @50mm (R / RSI)	CAN/ULC S770	11.53 / 2.03	11.50 / 2.02	11.0 / 1.94	11.07 / 1.95	10.94 / 1.90	11.53 / 2.03
Compressive Strength (kPa / psi)	ASTM D1621	201 / 29.2	195 / 28.3	250 / 35	186 / 27	282 / 25	201 / 29.2
Core Density (kg / m <sup>3</sup> )	ASTM D1622	33.6 / 2.09	33 / 2.06	32 / 2.0	29 / 1.8	37 / 2.3	33.6 / 2.09
Open Cell Content (%)	ASTM D2856	1.23	< 1	< 8	8	5	1.23
Tensile Strength (kPa / psi)	ASTM D1623	217 / 31.5	355 / 52	517 / 75	241 / 35	406 / 59	217 / 31.5
Vapour Permeance (Ng/Pa*s* m <sup>2</sup> )	ASTM E96	45	37	36	42	58	45
Dimensional Stability 28 days @70°C, 97% RH	ASTM D2126	4.1	9.8	0.2	1.5	2	4.1
Flame Spread	CAN/ULC S102	375	200	405	315	295	375
Water Absorption % by volume	ASTM D2842	1.7	0.8	0.6	1.2	0.3	1.7