



TB ROOF XPS Data Table (Nonvented)

Product		Foam		Approx Product		LTTR		ASTM C518
Thickness(1)		Thickness		Weights		R-value(2)		R-value (3)
in.	mm	in	mm	lb/sq. ft	kg/sq.m			
2.0"	51	1.5"		38	1.7	8.3	8.4	8.1
2.5"	64	2.0"		51	1.8	8.79	11.2	10.6
3.0"	76	2.5"		64	1.9	9.29	14	13.1
3.5"	89	3.0"		76	2	9.76	16.8	15.6
4.0"	102	3.5"		89	2.1	10.25	19.7	18.1
4.5"	114	4.0"		102	2.2	10.74	22.6	20.6
5.0"	127	4.5"		114	2.3	11.23	25.3	23.1
5.5"	140	5.0"		127	2.4	11.72	28.1	25.6
6.0"	152	5.5"		140	2.5	12.21	31	28.1
6.5"	165	6.0"		152	2.6	12.69	33.6	30.6
7.0"	178	6.5"		165	2.7	13.18	36.1	33.1
7.5"	191	7.0"		178	2.8	13.67	39.1	35.6
8.0"	203	7.5"		191	2.9	14.16	42	38.1

- (1) The nominal foam thickness is 1/2" less than the overall panel thickness
- (2) For comparison with LTTR (Long Term Thermal Resistance) values used by the polyiso industry. XPS foam manufacturers recommend ASTM C518 for thermal measurement. LTTR values, supplied by XPSA, were generated per CAN/ULC S770 by a third party laboratory.
- (3) ASTM 518 R-value measurement per XPS manufacturers recommendation

TB ROOF Polyiso Data Table (Nonvented)

Product		Foam		Approx Product		LTTR	
Thickness(1)		Thickness		Weights		R-value(2)	
in.	mm	in	mm	lb/sq. ft	kg/sq.m		
2.0"	51	1.5"		38	1.7	8.3	9.2
2.5"	64	2.0"		51	1.8	8.79	12
3.0"	76	2.5"		64	1.9	9.29	15
3.5"	89	3.0"		76	2	9.76	18
4.0"	102	3.5"		89	2.1	10.25	21.1
4.5"	114	4.0"		102	2.2	10.74	24.2
5.0"	127	4.5"		114	2.3	11.23	27.4
5.5"	140	5.0"		127	2.4	11.72	30.5
6.0"	152	5.5"		140	2.5	12.21	33.5
6.5"	165	6.0"		152	2.6	12.69	36.6
7.0"	178	6.5"		165	2.7	13.18	39.6
7.5"	191	7.0"		178	2.8	13.67	42.65
8.0"	203	7.5"		191	2.9	14.16	45.7