



INSULATION

APPLICATIONS

ROOFS

TECHNICAL BULLETIN

TECHNICAL BULLETIN 191112SCANF

(supersedes 171016SCANF)

Thermal resistance of the polyisocyanurate insulation boards as per ULC-S770 STANDARD.

INSULATION THICKNESSES (in)	THERMAL RESISTANCE		
	R (LTTR) VALUES	RSI VALUES	R VALUE/ 25.4 mm (1 in)
1.0	5.7	1.00	5.7
1.1	6.3	1.11	5.7
1.2	6.8	1.20	5.7
1.25	7.1	1.25	5.7
1.3	7.4	1.30	5.7
1.4	8.0	1.41	5.7
1.5	8.6	1.51	5.7
1.6	9.1	1.60	5.7
1.7	9.7	1.71	5.7
1.75	10.0	1.76	5.7
1.8	10.3	1.81	5.7
1.9	10.8	1.90	5.7
2.0	11.4	2.01	5.7
2.1	12.0	2.11	5.7
2.2	12.6	2.22	5.7
2.25	12.9	2.27	5.7
2.3	13.2	2.32	5.8
2.4	13.8	2.43	5.8
2.5	14.4	2.54	5.8
2.6	15.0	2.64	5.8
2.7	15.6	2.75	5.8
2.75	15.9	2.80	5.8
2.8	16.2	2.85	5.8
2.9	16.8	2.96	5.8

(All values are nominal)

(RSI-Value [R Value] / 25.4 mm [1 in] @ 24 °C [75 °F])

INSULATION THICKNESSES (in)	THERMAL RESISTANCE		
	R (LTTR) VALUES	RSI VALUES	R VALUE/ 25.4 mm (1 in)
3.0	17.4	3.06	5.8
3.1	18.0	3.17	5.8
3.2	18.6	3.28	5.8
3.25	18.9	3.33	5.8
3.3	19.2	3.38	5.8
3.4	19.9	3.50	5.9
3.5	20.5	3.61	5.9
3.6	21.1	3.72	5.9
3.7	21.7	3.82	5.9
3.75	22.0	3.87	5.9
3.8	22.3	3.93	5.9
3.9	23.0	4.05	5.9
4.0	23.6	4.16	5.9
4.1	24.2	4.26	5.9
4.2	24.9	4.38	5.9
4.25	25.1	4.42	5.9
4.3	25.5	4.49	5.9
4.4	26.1	4.60	5.9
4.5	26.7	4.70	5.9
4.75	28.3	4.98	5.9
5.0	29.8	5.25	5.9
5.25	31.2	5.49	5.9
5.5	32.7	5.76	5.9
5.75	34.2	6.02	5.9
6.0	36.0	6.34	5.9

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