



INSULATION

APPLICATIONS

ROOFS

# TECHNICAL BULLETIN

TECHNICAL BULLETIN 200922SCANF

(supersedes 191112SCANF)

## 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 po	5.7	1.0	5.7
1.1 po	6.3	1.11	5.73
1.2 po	6.8	1.2	5.67
1.25 po	7.1	1.25	5.68
1.3 po	7.4	1.3	5.69
1.4 po	8.0	1.41	5.71
1.5 po	8.6	1.51	5.73
1.6 po	9.1	1.6	5.69
1.7 po	9.7	1.71	5.71
1.75 po	10.0	1.76	5.71
1.8 po	10.3	1.81	5.72
1.9 po	10.8	1.9	5.68
2.0 po	11.4	2.01	5.7
2.1 po	12.0	2.11	5.71
2.2 po	12.6	2.22	5.73
2.25 po	12.9	2.27	5.73
2.3 po	13.2	2.32	5.74
2.4 po	13.8	2.43	5.75
2.5 po	14.4	2.54	5.76
2.6 po	15.0	2.64	5.77
2.7 po	15.6	2.75	5.78
2.75 po	15.9	2.8	5.78
2.8 po	16.2	2.85	5.79
2.9 po	16.8	2.96	5.79
3.0 po	17.4	3.06	5.8
3.1 po	18.0	3.17	5.81
3.2 po	18.6	3.28	5.81
3.25 po	18.9	3.33	5.82

(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)
3.3 po	19.2	3.38	5.82
3.4 po	19.9	3.50	5.85
3.5 po	20.5	3.61	5.86
3.6 po	21.1	3.72	5.86
3.7 po	21.7	3.82	5.86
3.75 po	22.0	3.87	5.87
3.8 po	22.3	3.93	5.87
3.9 po	23.0	4.05	5.9
4.0 po	23.6	4.16	5.9
4.1 po	24.2	4.26	5.9
4.2 po	24.9	4.38	5.93
4.25 po	25.1	4.42	5.91
4.3 po	25.5	4.49	5.93
4.4 po	26.1	4.60	5.93
4.5 po	26.7	4.70	5.93
4.75 po	28.3	4.98	5.96
5.0 po	29.8	5.25	5.96
5.25 po	31.3	5.49	5.96
5.5 po	32.9	5.76	5.98
5.75 po	34.4	6.02	5.98
6.0 po	36.0	6.34	6.0
6.25	37.6	6.62	6.02
6.5	39.2	6.9	6.03
6.75	40.8	7.18	6.04
7.0	42.4	7.46	6.06
7.25	43.9	7.73	6.06
7.5	45.6	8.03	6.08
7.75	47.2	8.31	6.09
8.0	48.8	8.59	6.10

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