

THERMAL INSULATION

75° Mean Temperature (23.9 °C) 95°F to 54°F

Panel thickness	Foam Technology R Value - H ft ² F/Btu			
	PUR	PIR	PIR R+	LEAF
1½"	9.91	10.6	11.3	11.9
1¾"	10.9	11.4	12.3	12.8
2"	13.2	14.1	15.1	15.8
2½"	16.2	17.6	18.8	19.8
3"	19.5	21.1	22.6	23.7
4"	25.8	28.2	30.1	31.7
5"	31.5	35.2	37.7	39.6
6"	37.8	42.3	44.9	47.5
8"	50.4	56.4	60.4	63.4

35° Mean Temperature (23.9 °C) 95°F to 54°F

Panel thickness	Foam Technology R Value - H ft ² F/Btu			
	PUR	PIR	PIR R+	LEAF
1½"	11.5	11.5	12.4	13.5
1¾"	12.5	12.8	13.8	14.6
2"	15.3	15.8	16.8	18.0
2½"	19.2	19.7	20.8	22.6
3"	23.0	23.6	25.2	27.1
4"	30.7	31.5	33.7	36.1
5"	38.4	39.4	42.1	45.2
6"	46.1	47.2	50.5	54.2
8"	61.5	63.0	67.4	72.3

Core Technology Comparison

