

## Premier SIPS R-Values & U-Factors (By Core Type/Temperature)

Panel Core Thickness (EPS Type I)	R-Value @ 75° F	U Factor @ 75° F	R-Value @ 40° F	U Factor @ 40° F	R-Value @ 25° F	U Factor @ 25° F	R-Value @ 0° F	U Factor @ 0° F	R-Value @ -25° F	U Factor @ -25° F	R-Value @ -50° F	U Factor @ -50° F
3 1/2"	15.0	0.066	16.2	0.062	16.9	0.059	17.4	0.057	18.5	0.054	19.2	0.052
5 1/2"	22.7	0.044	24.5	0.041	25.6	0.039	26.4	0.038	28.1	0.036	29.2	0.034
7 1/4"	29.5	0.034	31.8	0.031	33.2	0.030	34.3	0.029	36.5	0.027	38.0	0.026
9 1/4"	37.2	0.027	40.2	0.025	41.9	0.024	43.3	0.023	46.1	0.022	48.0	0.021
11 1/4"	44.9	0.022	48.5	0.021	50.6	0.020	52.3	0.019	55.7	0.018	58.0	0.017

Panel Core Thickness (EPS Type IX)	R-Value @ 75° F	U Factor @ 75° F	R-Value @ 40° F	U Factor @ 40° F	R-Value @ 25° F	U Factor @ 25° F	R-Value @ 0° F	U Factor @ 0° F	R-Value @ -25° F	U Factor @ -25° F	R-Value @ -50° F	U Factor @ -50° F
3 1/2"	16.9	0.059	18.3	0.055	19.2	0.052	19.6	0.051	20.3	0.049	21.4	0.047
5 1/2"	25.6	0.039	27.9	0.036	29.2	0.034	29.8	0.034	30.9	0.032	32.6	0.031
7 1/4"	33.2	0.030	36.2	0.028	38.0	0.026	38.7	0.026	40.2	0.025	42.4	0.024
9 1/4"	41.9	0.024	45.7	0.022	48.0	0.021	48.9	0.020	50.8	0.020	53.6	0.019
11 1/4"	50.6	0.020	55.2	0.018	58.0	0.017	59.1	0.017	61.4	0.016	64.8	0.016

Panel Core Thickness (EPS Type II)	R-Value @ 75° F	U Factor @ 75° F	R-Value @ 40° F	U Factor @ 40° F	R-Value @ 25° F	U Factor @ 25° F	R-Value @ 0° F	U Factor @ 0° F	R-Value @ -25° F	U Factor @ -25° F	R-Value @ -50° F	U Factor @ -50° F
3 1/2"	16.2	0.062	17.6	0.057	18.3	0.055	18.7	0.054	19.6	0.051	20.7	0.048
5 1/2"	24.5	0.041	26.7	0.037	27.9	0.036	28.4	0.035	29.8	0.034	31.5	0.032
7 1/4"	31.8	0.031	34.6	0.029	36.2	0.028	36.9	0.027	38.7	0.026	40.9	0.024
9 1/4"	40.2	0.025	43.7	0.023	45.7	0.022	46.6	0.021	48.9	0.020	51.7	0.019
11 1/4"	48.5	0.021	52.8	0.019	55.2	0.018	56.3	0.018	59.1	0.017	62.5	0.016

Panel Core Thickness (Platinum Type I)	R-Value @ 75° F	U Factor @ 75° F	R-Value @ 40° F	U Factor @ 40° F	R-Value @ 25° F	U Factor @ 25° F
3 1/2"	18.1	0.055	18.8	0.053	19.6	0.051
5 1/2"	27.5	0.036	28.6	0.035	29.8	0.034
7 1/4"	35.7	0.028	37.2	0.027	38.7	0.026
9 1/4"	45.1	0.022	47.0	0.021	48.9	0.020
11 1/4"	54.5	0.018	56.8	0.018	59.1	0.017