

PREMIER SIPS R-VALUES & U-FACTORS

SIP R-VALUES						
SIP Thickness	R-value at 75 ° F		R-value at 40 ° F		R-value at 25 ° F	
	EPS Core	GPS Core	EPS Core	GPS Core	EPS Core	GPS Core
4-1/2"	15	18	16	19	17	20
6-1/2"	23	28	24	29	26	30
8-1/4"	30	36	32	37	33	39
10-1/4"	37	45	40	47	42	49
12-1/4"	45	55	48	57	51	59

SIP U-FACTORS						
SIP Thickness	U-factor at 75 ° F		U-factor at 40 ° F		U-factor at 25 ° F	
	EPS Core	GPS Core	EPS Core	GPS Core	EPS Core	GPS Core
4-1/2"	0.066	0.055	0.062	0.052	0.058	0.050
6-1/2"	0.043	0.035	0.041	0.034	0.038	0.033
8-1/4"	0.033	0.027	0.031	0.027	0.030	0.025
10-1/4"	0.027	0.022	0.025	0.021	0.023	0.020
12-1/4"	0.022	0.018	0.020	0.017	0.019	0.016

NOTE: See Detail Premier-102 and Technical Bulletins for additional R-value & U-Factor considerations. Both are available at www.premiersips.com.

PREMIER SIPS WEIGHT

SIP WEIGHT			
SIP Thickness	OSB Facing Thickness (Both Faces)		
	7/16"	5/8"	3/4"
4-1/2"	3.3	4.6	5.5
6-1/2"	3.5	4.8	5.7
8-1/4"	3.7	5.0	5.9
10-1/4"	3.9	5.2	6.1
12-1/4"	4.0	5.4	6.2

Premier SIPS are typically manufactured with 7/16" OSB facings on both sides. Custom 5/8" or 3/4" OSB facings are available as an alternative. Substitution of one or both 7/16" OSB facings will add 0.65 psf per facing for 5/8" OSB and 1.1 psf per facing for 3/4" OSB. Consult your Premier Representative for additional Code Approved facing options.

