TABLE N1102.1.2 (R402.1.2) INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a

15/19	10, 4 ft	15/19	389	19/21	20 + 5 or 13 + 10 ^h	49	NR	0.55	0.32	7 and 8
15/19	10,411	15/19	309	15/20	20 + 5 or 13 + 10 ^h	49	NR	0.55	0.32	6
15/19	10, 2 ft	15/19	309	13/17	20 or 13 + 5 ^h	49	, NR	0.55	0.32	5 and Marine 4
10/13	10, 2 ft	10/13	19	8/13	20 or 13 + 5 ^h	49	0.40	0.56	0.35	4 except Marine
5/13	0	5/13′	19	8/13	20 or 13 + 5 ^h	38	0.25	0.55	0.35	ω
0	0	0	13	4/6	13	38	0.25	0.65	0.40	2
0	0	0	13	3/4	13	30	0.25	0.75	NR	
R-VALUE										
	& DEPTH	R-VALUE		R-VALUE	R-VALUE		SHGC ^{b,e}			
WALL			R-VALUE			R-VALUE		U-FACTOR	U-FACTOR ^b	ZONE
	R-VALUE	WALL		WALL	FRAME WALL		FENESTRATION			
SPACE		***************************************	FLOOR			CEILING		SKYLIGHT	FENESTRATION	CLIMATE
	SLAB	BASEMENTO	10/00/00	MASS	WOOD		GLAZED	3		********
CRAWL										

For St. 1 foot = 304.8 mm.

- a. R-values are minimums. Unfactors and SHIGC are maximums. When insulation is installed in a cutivy which is less than the label or design thickness of the insulation, the installed R-value of the insulation shall not be less than the R-value specified in the table
- The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.

Exception: Skylights may be excluded from glazed fenestration SHGC requirements in Climate Zones 1 through 3 where the SHGC for such skylights does not exceed 0.30.

- c. "15/19" means R-15 continuous insulation on the interior or exterior of the home or R-19 cavity insulation at the interior of the basement wall. "15/19" shall be permitted to be met with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulation on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall.
- d. R-5 shall be added to the required slab edge R-values for heated slabs. Insulation depth shall be the depth of the footing or 2 feet, whichever is less in Zones 1 through 3 for heated slabs
- e. There are no SHGC requirements in the Marine Zone.
- f. Basement wall insulation is not required in warm-humid locations as defined by Figure N1101.10 and Table N1101.10.
- Or insulation sufficient to fill the framing cavity, R-19 minimum.
- h. The first value is cavity insulation, the second value is continuous insulation, so "13+5" means R-13 cavity insulation plus R-5 continuous insulation
- . The second R-value applies when more than half the insulation is on the interior of the mass wall.