

**TABLE R402.1.3
INSULATION MINIMUM R-VALUES AND FENESTRATION REQUIREMENTS BY COMPONENT^a**

CLIMATE ZONE	FENESTRATION U-FACTOR ^{b, i}	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^{b, e}	CEILING R-VALUE	WOOD FRAME WALL R-VALUE ^g	MASS WALL R-VALUE ^h	FLOOR R-VALUE	BASEMENT ^{c, g} WALL R-VALUE	SLAB ^d R-VALUE & DEPTH	CRAWL SPACE ^{c, g} WALL R-VALUE
0	NR	0.75	0.25	30	13 or 0&10ci	3/4	13	0	0	0
1	NR	0.75	0.25	30	13 or 0&10ci	3/4	13	0	0	0
2	0.40	0.65	0.25	49	13 or 0&10ci	4/6	13	0	0	0
3	.30	0.55	0.25	49	20 or 13+5 ci or 0&15ci ^h	8/13	19	5ci or 13 ^f	10ci, 2 ft	5ci or 13 ^f
4 except Marine	.30	0.55	0.40	60 49	30 or 20+5ci ^h or 13&10ci ^h or 0&20ci ^h	8/13	19	10ci or 13	10ci, 4 <u>2</u> ft	10ci or 13
5 and Marine 4	0.30 ⁱ	0.55	0.40	60 49	30 or 20+5ci ^h or 13&10ci ^h or 0&20ci ^h	13/17	30	15ci or 19 or 13 & 5ci	10ci, 4 <u>2</u> ft	15ci or 19 or 13 & 5ci
6	0.30 ⁱ	0.55	NR	60 49	30 or 20+5ci ^h or 13&10ci ^h or 0&20ci ^h	15/20	30	15ci or 19 or 13 & 5ci	10ci, 4 <u>2</u> ft	15ci or 19 or 13 & 5ci
7 and 8	0.30 ⁱ	0.55	NR	60 49	30 or 20&5ci ^h or 13&10ci ^h or 0 & 20ci ^h	19/21	38	15ci or 19 or 13 & 5ci	10ci, 4 <u>2</u> ft	15ci or 19 or 13 & 5ci

For SI 1 foot = 304.8 mm

NR = Not Required

ci = continuous insulation

Footnotes remain unchanged