

2015 IRC
Insulation and Fenestration Requirements by Component

Climate Zone	4A
Fenestration U-Factor (b)	0.35
Skylight b U-Factor	0.55
SHGC (b)	0.40
Ceiling R-Value	49
Wood Frame Wall R-Value	20 or 13+5
Mass Wall R-Value (e)	8/13
Floor R-Value	19
Basement (c) Wall R-Value	10/13
Slab R-Value & Depth	10, 2ft
Crawl Space (c) Wall R-Value	10/13

For SI: 1 foot = 304.8 mm.

- a. R-values are minimums. U-factors and SHGC are maximums. When insulation is installed in a cavity 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.
- b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration.
- c. "10/13" means R-10 continuous insulation on the interior or exterior of the home or R-13 cavity insulation at the interior of the basement wall.
- d. 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.
- e. The second R-value applies when more than half the insulation is on the interior of the mass wall.
- f. R-18 in place of R-20 if wall framing factor is 20% or less or 24" centers.