

From the International Residential Code/2006

Windows and Doors: Maximum U-Factor of windows and doors shall be 0.40.

Skylights: Maximum U-Factor of skylights shall be 0.60.

Ceiling Insulation: Minimum R-Value of ceiling insulation shall be R-38.

Exception: For a ceiling without attic space above (ceiling attached to the underside of rafters), a maximum of 500 ft² may have an R-Value of R-30.

Wall Insulation: Minimum wall insulation shall be R-13.

Floor Insulation: Minimum insulation between floor joists of R-19.

SOG Insulation: When a slab-on-grade has a floor surface less than 12 inches below grade, the required minimum 24 inch wide insulation installed under the slab perimeter shall be a minimum of R-10.

Basement Walls: Minimum R-Value of R-10 (for continuous insulation), or R-13 (for insulation in framing cavities).

An alternative to the prescribed minimum requirements as shown above, shall be a total UA equal to or less than the total UA resulting from using the U-Factors and R-Values listed above.

Building Thermal Envelope: The building thermal envelope shall be durably sealed to limit infiltration and exfiltration. Fenestration shall have an air leakage rate of no more than 0.3 CFM per ft².

Recessed Lighting: Recessed lighting installed in the building thermal envelope shall be sealed or gasketed to prevent air leakage between the conditioned and unconditioned spaces.