



RESIDENTIAL SIMPLIFIED PRESCRIPTIVE BUILDING ENVELOPE REQUIREMENTS

2012 International Residential Code

Climate Zone: 5A

Maximum Glazing *U*-factor: 0.32

Minimum Ceiling* *R*-Value: R-49

***Ceilings without attic spaces:** Where the design of the roof/ceiling assembly does not allow sufficient space for R-49 the minimum required insulation for such roof/ceiling assemblies shall be R-30. This reduction of insulation shall be limited to 500 square feet of ceiling area.

Minimum Wall *R*-Value: R-20 or R-13 cavity plus R-5 insulated sheathing

For floors one of the following four requirements must be met:

Floor- Minimum *R*-Value: R-30

Basement Wall - Minimum *R*-Value: R-15 continuous or R19 cavity

Slab perimeter -Minimum *R*-Value and depth: R-10 or R-15 at heated slab edge

Crawl space wall - Minimum *R*-Value: R-15 continuous or R-19 cavity

