



HENRY COUNTY BUILDING DEPARTMENT
140 HENRY PARKWAY, MCDONOUGH, GA 30253
PHONE: (770) 288-6051 FAX: (770) 288-6187

RESIDENTIAL ENERGY CODE COMPLIANCE AFFIDAVIT

Date: _____

Construction Type: Single Family

Codes: Georgia State Minimum Standard Energy Code (*International Energy Conservation Code with Georgia State Supplements & Amendments*)

Option: Georgia State Amendments, Table 402.1.1, Climate Zone 3 (see back of form)

Building Address: _____

Subdivision (if applicable): _____ Lot # _____

Builder/Company Name: _____

Builder/Company Address: _____

Statement of Compliance: I understand by my selection of the above Option method that I must meet or exceed the minimum insulation values as stated for the walls, windows and doors and that I will comply with all of the requirements stated in the chosen Option.

Builder/Contractor -- Signature: _____

Builder/Contractor -- Print Name: _____

*Delete Tables 402.1.1, 'Insulation And Fenestration Requirements By Component^a', and 402.1.3, 'Equivalent U-Factors^a', and substitute by adding new Table 402.1.1, 'Insulation And Fenestration Requirements By Component^a', as follows:

**TABLE 402.1.1
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a**

CLIMATE ZONE	FENESTRATION U-FACTOR ^b	SKYLIGHT U-FACTOR ^b	GLAZED FENESTRATION SHGC ^b	CEILING R-VALUE ^c	WOOD FRAME WALL R-VALUE ^d	ATTIC KNEEWALL ^e
2	0.65	0.75	0.40	R-30 or U-0.030	R-13 or U-0.082	R-18 or U-0.065
3	0.65	0.65	0.40	R-30 or U-0.030	R-13 or U-0.082	R-18 or U-0.065
4	0.40	0.60	0.40	R-38 or U-0.025	R-13 or U-0.082	R-18 or U-0.065

CLIMATE ZONE	MASS WALL R-VALUE	FLOOR R-VALUE ^f	BASEMENT WALL R-VALUE ^{g,j}	SLAB R-VALUE AND DEPTH ^h	CRAWL SPACE WALL R-VALUE ^{i,j}
2	R-5 or U-0.141	R-13 or U-0.064	R-0 U-0.36	0	R-0 U-0.477
3	R-5 or U-0.141	R-19 or U-0.047	5/13 U-0.136	0	5/13 U-0.136
4	R-5 or U-0.141	R-19 or U-0.047	5/13 U-0.136	0	5/13 U-0.136

For SI: 1 foot = 304.8 mm.

- a. R-values are minimums. U-factors and SHGC are maximums. R-19 shall be permitted to be compressed into a 2 x 6 cavity. Nonfenestration U-factors shall be obtained from measurement, calculation or an approved source.
- b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazed fenestration, including doors 50 percent or more glazed. One door or window (or up to 15 square feet [1.4 m²] of glazed fenestration) may be exempt from meeting the U-factor and SHGC.
- c. Ends and sides of ceiling joist cavity shall be blocked with an approved air barrier. Flat ceiling insulation shall be in contact with interior side of ceiling. Ceiling areas without attic space in Climate Zone 4 may be R-30 (maximum of 25 percent of ceiling area). For HVAC platform and floored access path areas, ceiling insulation may be reduced to R-19.
- d. All vertical insulation shall be in substantial contact with an air barrier on all six (6) sides.

Exceptions:

- 1. Unfinished basements (insulation shall be restrained to stay in place).
- 2. On interior side of wall in Climate Zones 2 and 3 behind tubs, showers and fireplaces (insulation shall be restrained to stay in place).
- e. R-13 + R-5, R-15 + R-3, or R-19 compressed into a 2 x 6 cavity is deemed to meet R-18 minimum requirement. Attic side shall have a sealed air barrier.
- f. Floor insulation shall be installed to maintain permanent contact with the underside of the subfloor decking, and insulation ends shall be blocked. Cantilevered floors shall be R-30 and band area above exterior wall shall be blocked.
- g. R-5 is mass and R-13 is cavity and band. For basements with no direct conditioning, either the floor or (all) of the basement walls shall be insulated. For basements with direct conditioning, all of the basement walls shall be insulated.
- h. Unheated slabs. Heated slabs shall have exterior edge insulated to R-5 to a depth of 2 feet (610 mm). Insulation located below grade shall be in compliance with Section 402.2.7.
- i. See Section 402.2.8 of these Georgia State Supplements and Amendments.
- j. Consideration should be given for mold, moisture, and for termite inspection and treatment.

Georgia is Climate Zone 3

Exceptions:

- 1. Climate Zone 2 Counties: Appling, Atkinson, Bacon, Baker, Berrien, Brantley, Brooks, Bryan, Camden, Charlton, Chatham, Clinch, Colquitt, Cook, Decatur, Echols, Effingham, Evans, Glynn, Grady, Jeff Davis, Lanier, Liberty, Long, Lowndes, McIntosh, Miller, Mitchell, Pierce, Seminole, Tattall, Thomas, Toombs, Ware and Wayne.
- 2. Climate Zone 4 Counties: Banks, Catoosa, Chattooga, Dade, Dawson, Fannin, Floyd, Franklin, Gilmer, Gordon, Habersham, Hall, Lumpkin, Murray, Pickens, Rabun, Stephens, Towns, Union, Walker, White and Whitfield.