

News from the Building Inspectors

July 2012

Dwelling/Garage Separation

City Of
Winston
Salem/
Forsyth
County

Separation	Material
From the residence and attic.	Not less than 1/2-inch gypsum board or equivalent applied to garage side.
From all habitable rooms above garage.	Not less than 5/8-inch Type X gypsum board or equivalent.
Structure supporting assemblies used for separation required by this section	Not less than 1/2-inch gypsum board or equivalent.
Garage located less than 3 feet from a dwelling unit on same lot.	Not less than 1/2-inch gypsum board or equivalent applied to the interior side of exterior walls that are within this area.

R302.5.1 Opening protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1-3/8" in thickness, solid or honeycomb core steel door not less than 1-3/8" thick, or 20-minute fire rated door.

Energy Efficiency Certificate

To find the form please goto:

<http://www.cityofws.org/Home/Departments/Inspections/Articles/FormsAndFees>

APPENDIX 1: RESIDENTIAL REQUIREMENTS

APPENDIX 1.1 Energy Efficiency Certificate (Section 401.9)

ENERGY EFFICIENCY CERTIFICATE	
401.9	
Builder, Permit Holder or Registered Design Professional Print Name:	
Signature:	
Property Address:	
Date:	
Insulation Rating - List the value covering largest area to all that apply	R-Value
Ceiling/roof:	R-
Wall:	R-
Floor:	R-
Closed Crawl Space Wall:	R-
Closed Crawl Space Floor:	R-
Slab:	R-
Basement Wall:	R-
Fenestration:	
U-Factor	
Solar Heat Gain Coefficient(SHGC)	
Building Air Leakage	
<input type="checkbox"/> Visually inspected according to 402.4.2.1 OR	
<input type="checkbox"/> Building Air Leakage Test Results (Sec. 402.4.2.2)	
ACH50 [Target: 5.0]	
or CFM50/SFSA [Target: 0.30]	
Name of Tester / Company:	
Date:	Phone:
Ducts:	
Insulation	R-
Total Duct Leakage Test Result (Sect. 403.2.2) (CFM25 Total/100SF) [Target: 6]	
Name of Tester or Company:	
Date:	Phone:
Certificate to be displayed permanently	

CITY OF WINSTON-SALEM Mayor: Allen Joiner City Council: Vivian H. Burke, Mayor Pro Tempore, Northeast Ward; Denise D. Adams, North Ward; Dan Besse, Southwest Ward; Robert C. Clark, West Ward; Molly Leight, South Ward; Wanda Merschel, Northwest Ward; Derwin L. Montgomery, East Ward; James Taylor, Jr., Southeast Ward City Manager: Lee Garrity
 FORSYTH COUNTY COMMISSIONERS David R. Plyler, Chairman; Debra Conrad, Vice Chair; Beaufort O. Bailey; Ted Kaplan; Richard V. Linville; Walter Marshall; Gloria D. Whisenhunt County Manager: Dudley Watts, Jr.

