

TABLE 402.4.2

AIR BARRIER AND INSULATION INSPECTION COMPONENT CRITERIA

Project Name: Sample Addition Street: 346 Main Street City, State, Zip: Orlando , FL , 32922- Owner: OWNER Design Location: FL, Orlando		Builder Name: BUILDER Permit Office: Permit Number: Jurisdiction:	
COMPONENT	CRITERIA	CHECK	
Air barrier and thermal barrier	<p>Exterior thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier.</p> <p>Breaks or joints in the air barrier are filled or repaired.</p> <p>Air-permeable insulation is not used as a sealing material.</p> <p>Air-permeable insulation is inside of an air barrier.</p>		
Ceiling/attic	<p>Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.</p> <p>Attic access (except unvented attic), knee wall door, or drop down stair is sealed.</p>		
Walls	<p>Corners and headers are insulated.</p> <p>Junction of foundation and sill plate is sealed.</p>		
Windows and doors	<p>Space between window/door jambs and framing is sealed.</p>		
Rim joists	<p>Rim joists are insulated and include an air barrier.</p>		
Floors (including above-garage and cantilevered floors)	<p>Insulation is installed to maintain permanent contact with underside of subfloor decking.</p>		
Crawl space walls	<p>Insulation is permanently attached to walls.</p> <p>Exposed earth in unvented crawl spaces is covered with Class I</p>		
Shafts, penetrations	<p>Duct shafts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.</p>		
Narrow cavities	<p>Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulation.</p>		
Garage separation	<p>Air sealing is provided between the garage and conditioned spaces.</p>		
Recessed lighting	<p>Recessed light fixtures are air tight, IC rated, and sealed to drywall. Exception—fixtures in conditioned space.</p>		
Plumbing and wiring	<p>Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation</p>		
Shower/tub on exterior wall	<p>Showers and tubs on exterior walls have insulation and an air barrier separating them from the exterior wall.</p>		
Electrical/phone box on	<p>Air barrier extends behind boxes or air sealed-type boxes are installed.</p>		
Common wall	<p>Air barrier is installed in common wall between dwelling units.</p>		
HVAC register boots	<p>HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.</p>		
Fireplace	<p>Fireplace walls include an air barrier.</p>		