

Air Barrier and Insulation Inspection Checklist (Table 402.4.2)

Component	Criteria	Complies	Does not Comply
Air barrier and thermal barrier	Exterior Thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier.	<input type="checkbox"/>	<input type="checkbox"/>
	Breaks or joints in the air barrier are filled or repaired.	<input type="checkbox"/>	<input type="checkbox"/>
	Air-permeable insulation is not used as a sealing material.	<input type="checkbox"/>	<input type="checkbox"/>
	Air-permeable insulation is inside of an air barrier.	<input type="checkbox"/>	<input type="checkbox"/>
Ceiling/attic	Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.	<input type="checkbox"/>	<input type="checkbox"/>
	Attic access (except unvented attic), knee wall door, or drop down stair is sealed.	<input type="checkbox"/>	<input type="checkbox"/>
Walls	Corners and headers are insulated.	<input type="checkbox"/>	<input type="checkbox"/>
	Junction of foundation and sill plate is sealed.	<input type="checkbox"/>	<input type="checkbox"/>
Windows and doors	Space between window/door jams and framing is sealed.	<input type="checkbox"/>	<input type="checkbox"/>
Rim joists	Rim joists are insulated and include an air barrier.	<input type="checkbox"/>	<input type="checkbox"/>
Floors (including above-garage and cantilevered floors)	Insulation is installed to maintain permanent contact with underside of subfloor decking.	<input type="checkbox"/>	<input type="checkbox"/>
	Air barrier is installed at any exposed edge of insulation.	<input type="checkbox"/>	<input type="checkbox"/>
[Unvented] Crawl space walls	Insulation is permanently attached to walls.	<input type="checkbox"/>	<input type="checkbox"/>
	Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.	<input type="checkbox"/>	<input type="checkbox"/>
Shafts/penetrations	Duct shafts, utility penetrations, knee walls, and flue shafts opening to exterior or unconditioned space are sealed	<input type="checkbox"/>	<input type="checkbox"/>
Narrow cavities	Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulation.	<input type="checkbox"/>	<input type="checkbox"/>
Garage separation	Air sealing is provided between the garage and conditioned spaces.	<input type="checkbox"/>	<input type="checkbox"/>
Recessed lighting	Recessed light fixtures are air tight, IC rated, and sealed to drywall. Exception- fixtures in conditioned space.	<input type="checkbox"/>	<input type="checkbox"/>
Plumbing and wiring	Insulation is placed between outside and pipes.	<input type="checkbox"/>	<input type="checkbox"/>
	Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.	<input type="checkbox"/>	<input type="checkbox"/>
Shower/tub on exterior wall	Showers and tubs on exterior walls have insulation and an air barrier separating them from the exterior wall.	<input type="checkbox"/>	<input type="checkbox"/>
Electrical/phone box on exterior wall	Air barrier extends behind boxes or air-sealed-type boxes are installed.	<input type="checkbox"/>	<input type="checkbox"/>
Common wall	Air barrier is installed in common wall between dwelling units.	<input type="checkbox"/>	<input type="checkbox"/>
HVAC register boots	HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.	<input type="checkbox"/>	<input type="checkbox"/>
Fireplace	Fireplace walls include an air barrier.	<input type="checkbox"/>	<input type="checkbox"/>