

AIR BARRIER AND INSULATION CHECKLIST

In the checklist below, **AB** and **I** stand for the *air barrier* and *insulation* inspection components to be verified. The local code official will always verify the **I** components. In the case where the local code official is not verifying the **AB** components, they may be verified by a person independent of the insulation installer, or by the use of a blower door test.

If the permit holder has elected use of a blower door test, documentation of test results verifying air leakage less than 3 air changes per hour when tested per RESNET/ICC 380, ASTM E 779 or ASTM E 1827 and reported at a pressure of 0.2 w.g. (50 Pa) shall be submitted with this checklist. A passing test demonstrates that the **AB** components are verified.

COMPONENT	CRITERIA	Y, N, or N/A	COMMENTS	INITIALS	DATE
Floors (including above-garage and cantilevered floors)					
General	I	Insulation is installed to maintain permanent contact with underside of subfloor decking.			
	AB	Air barrier is installed at any exposed edge of insulation.			
Rim joists	AB	Rim joists include an air barrier.			
	I	Rim joists are insulated.			
Walls					
General	I	Corners and headers are insulated.			
	AB	Junction of foundation and sill plate is sealed.			
Crawl space walls	I	Insulation is permanently attached to walls.			
	I	Exposed earth in unvented crawl spaces is covered with Class I vapor retarder with overlapping joints taped.			
Windows and doors	AB	Space between window/door jambs and framing is sealed.			
Garage separation	AB	Air sealing is provided between the garage and conditioned spaces.			
Plumbing and wiring	I	Insulation is placed between outside and pipes. Batt insulation is cut to fit around wiring and plumbing, or sprayed/blown insulation extends behind piping and wiring.			
Shower/tub on exterior wall	I	Showers and tubs on exterior walls have insulation.			
	AB	Showers and tubs on exterior walls have an air barrier separating them from the exterior wall.			
Electrical/phone box on exterior walls	AB	Air barrier extends behind boxes or air sealed-type boxes are installed.			
Ceiling/Attic					
Skylights	AB	Space between skylight framing is sealed.			

PERMIT # _____

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COMPONENT		CRITERIA	Y, N, OR N/A.	COMMENTS	INITIALS	DATE
Ceiling/Attic		<i>(continued)</i>				
General	AB	Air barrier in any dropped ceiling/soffit is substantially aligned with insulation and any gaps are sealed.				
	AB	Attic access (except unvented attic), knee wall door, or drop down stair is sealed.				
Recessed lighting	I	Recessed light fixtures penetrating the thermal envelope are air tight, IC-rated, and sealed to drywall.				
Other/All						
Air barrier and thermal barrier	I	Exterior thermal envelope insulation for framed assemblies is installed in substantial contact and continuous alignment with building envelope air barrier.				
	AB	Breaks or joints in the air barrier are filled or repaired.				
	I	Air-permeable insulation is not used as a sealing material.				
	AB	Air-permeable insulation is inside of an air barrier.				
Shafts, penetrations	AB	Duct shafts, utility penetrations, knee walls and flue shafts opening to exterior or unconditioned space are sealed.				
Narrow cavities	I	Batts in narrow cavities are cut to fit, or narrow cavities are filled by sprayed/blown insulation.				
HVAC register boots	AB	HVAC register boots that penetrate building envelope are sealed to subfloor or wall/ceiling covering.				

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