Ritz-Craft Corp.

Air Barrier And Insulation Inspection Check List

*** This check List is used to ensure, that this home conforms to 2009 IRC - Table N1102.4.2**

COMPONENT	CRITERIA	N/A	CONFORM	*ONSITE APPLICATION / INSPECTION
Air barrier and Insulation inspection	Exterior thermal envelope insulation for framed walls is installed in substantial contact and continuous alignment with building envelope air barrier.			
	Breaks or joints in the air barrier are filled or repaired.			
	Air-permeable insulation is not used as a sealing material.			
Ceiling / Attic	Air barrier in any dropped ceiling/Soffit is substantially aligned with insulation and any gaps are sealed.			
	Attic access, knee wall door, or drop down stair is sealed.			
Walls	Corners and headers are insulated.			
	Junction of foundation and sill plate are sealed.			*
Windows and Doors	Space between window / door jambs and framing is sealed.			
Rim joists	Rim joists are insulated			
	(Rim joist) - Air barrier			*
Floors (Including above garage and cantilevered floors)	Insulation is installed to maintain permanent contact with under-side of subfloor decking.			
	Air barrier is installed at any exposed edge of floor.			*
Crawl space walls	Insulation is permanently attached to walls.			*
	Exposed earth in unvented crawlspaces is covered with Class I vapor retarder with overlapping joints taped.			*
Shafts, penetrations	Duct shafts, utility penetrations and flu shaft openings to exterior or unconditioned space are sealed.			
	Knee walls sealed from unconditioned space			*
Narrow cavities	Batts in narrow cavities are cut to fit, or narrow cavities are filled by spray/blown insulation.			
Garage separation	Air sealing is provided between the garage and conditioned spaces.			
Recessed lighting	Recessed light fixtures are airtight, IC rated and sealed to drywall *** Exception - fixtures in conditioned space.			
Plumbing and wiring	Insulation is placed between outside and pipes.			
	Batt insulation is cut to fit around wiring and plumbing.			
	Sprayed or blown insulation extends behind piping and wiring.			
Shower / Tub on exterior wall	Showers and tubs on exterior walls have insulation and an air barrier separating them from the exterior wall.			
Electrical / Phone boxes on exterior wall	Air barrier extends behind electrical boxes on exterior wall.			
	Air barrier extends behind Phone/TV boxes or air sealed type boxes are installed.			
Common wall	Air barrier is installed in common wall between units.			
HVCA register boots	HVAC register boots that penetrate building envelope are sealed to subfloor or drywall.			
Ducts	Supply ducts insulated per sect. 1103.2 (Both Plant and Onsite)			*
	Ducts sealed per sect. 1103.2 (Both Plant and Onsite)			*
	Post-Construction or Rough-in Duct leakage test per sect. 1103.2			*
Fireplace	Fireplace walls include an air barrier.			

House Number : _____

Builder : _____

Customer : _____

Ritz-Craft Inspector : _____ **Date :** _____

Site Installer / Inspector : _____ **Date :** _____

***ATTENTION: Please Return the completed checklist to Ritz-Craft Corp. of Pa. upon the completion of installation and inspection of this home.**

**** Mail to : Ritz-craft Corp. of Pa.**
15 Industrial Park Rd.
Mifflinburg, Pa. 17844

Thank You
Sincerely, Q.A. Mgr. Ritz-Craft Corp.