



Success with 2009 IECC in South Carolina:
Checklists for Builders

AIR SEALING





JOB READY:

AIR SEALING

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N/A



1. For walls separating conditioned and unconditioned space, framing that allows for the required R-value, has a top plate, bottom plate and an exterior rigid sheathing is installed.



2. For walls that will not have an interior finish and are separating conditioned and unconditioned spaces, wall cavities are insulated and an interior rigid air barrier is installed.



3. All dropped ceilings/soffits, shafts and chases are capped with a rigid air barrier.



4. Overhanging floor cavities are insulated before being enclosed with rigid sheathing.



5. All floor systems within the conditioned envelope have a band or blocking separating conditioned and unconditioned space.



6. All holes are cleanly cut and are no more than 1 inch larger than the penetrating object.



7. Work site is clean and construction materials are properly stored before proceeding.

Builder Verification



Stop work until details are corrected.



Proceed without corrections.

The sub-contractor who signs and completes this form is doing so to the best of his/her knowledge and should not be held legally responsible for work completed by other organizations. The intent of this form is to ensure job sites are ready before beginning work.

Signature

Date



JOB COMPLETE:

AIR SEALING

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N/A



1. Air seal all dropped ceilings/soffits, shafts and chases.



2. For all floor systems within the conditioned envelope, air seal bands or blocking that separates conditioned and unconditioned space.



3. Air seal all rigid air barriers that enclose overhanging floor cavities.



4. Air seal all gaps and voids between conditioned and unconditioned spaces.



5. Air seal around windows and doors using backer rod, caulk or low expansion foam.



6. Air seal all penetrations between conditioned and unconditioned spaces. Use fire-rated sealants where applicable.



7. Air seal supply and return duct terminations to drywall and/or subfloor with caulk, foam or equivalent material. Use fire-rated sealants where applicable.



8. Ensure work site is clean and construction materials are properly stored before proceeding.

Certification

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Name

Company

Signature