



Success with 2009 IECC in South Carolina:
Tech Tips for Builders

AIR SEALING





TECH TIPS:

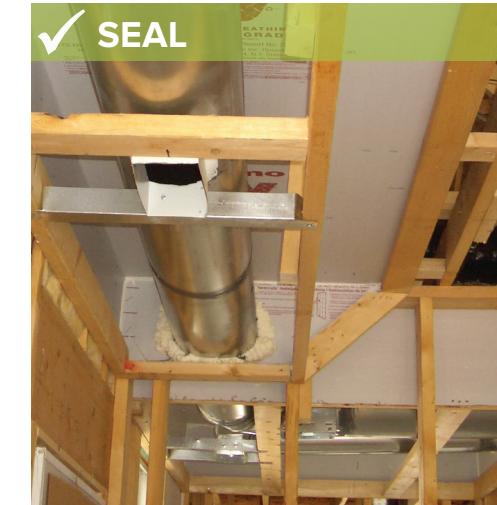
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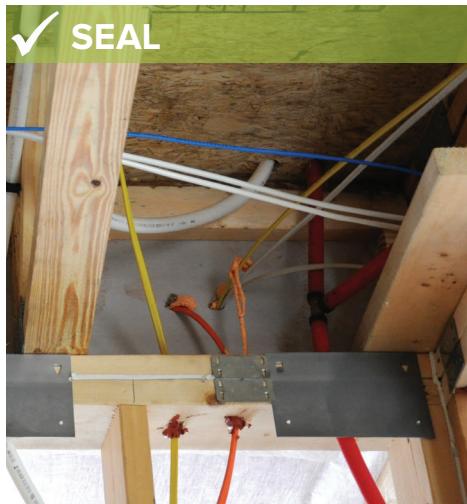
1. Air seal all dropped ceilings/soffits, shafts and chases.



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



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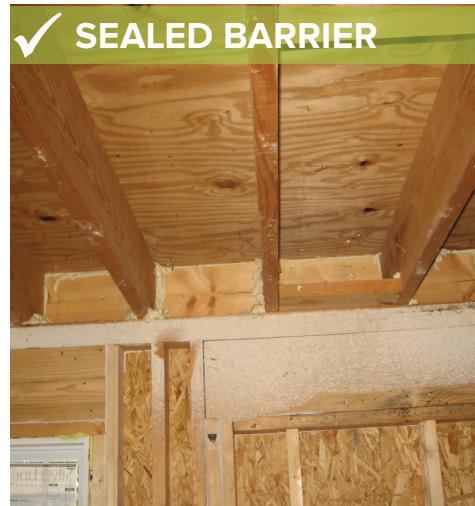


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3. Air seal all rigid air barriers that enclose overhanging floor cavities.



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



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





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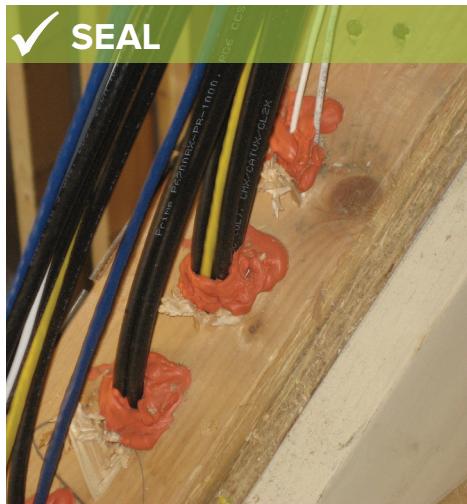
- 5.** Air seal around windows and doors using backer rod, caulk or low expansion foam.



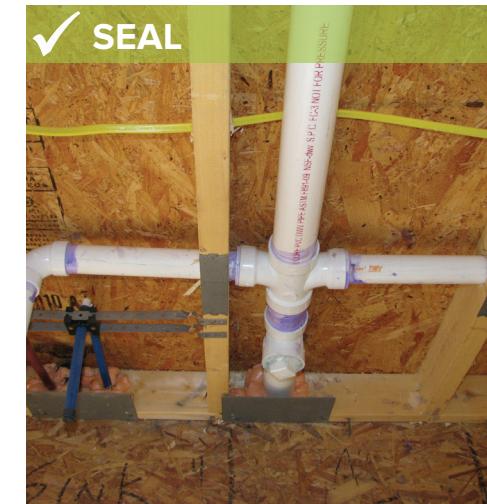
- 5.** Air seal around windows and doors using backer rod, caulk or low expansion foam.



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



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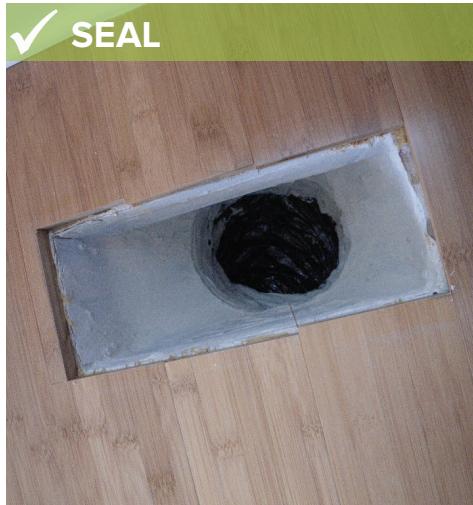
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7. Air seal supply and return duct terminations to drywall and/or subfloor with caulk, foam or equivalent material. Use fire-rated sealants where applicable.

✗ TAPE



✓ SEAL



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.

✗ NO SEAL



✓ SEAL

