



Success with 2009 IECC in Alabama:
Tech Tips for Builders

AIR SEALING



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TECH TIPS: AIR SEALING

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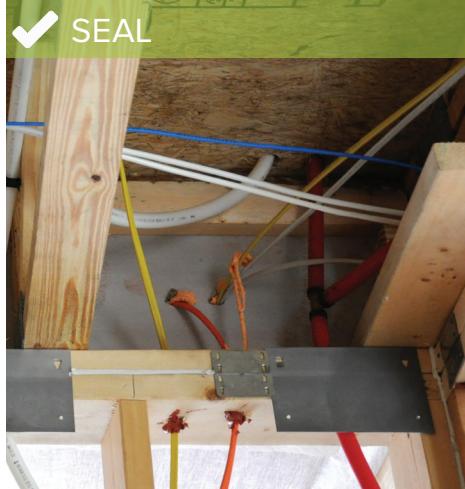
1. Air seal all dropped ceilings/soffits, shafts and chases.



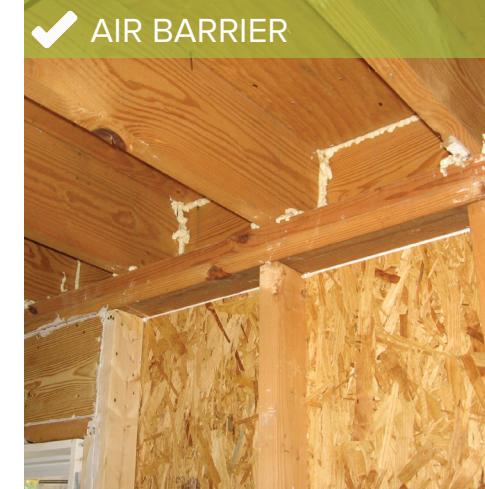
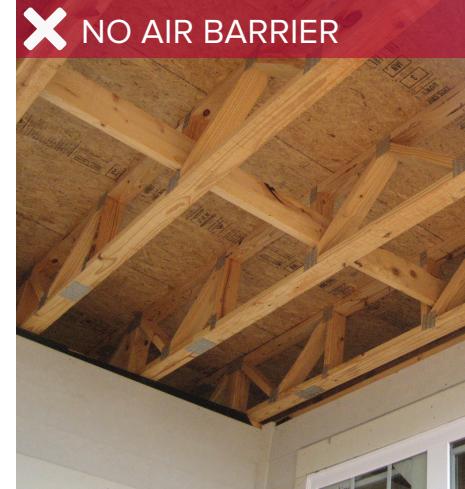
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2. For all floor systems within the conditioned envelope, air seal bands or blocking that separates condition and unconditioned space.



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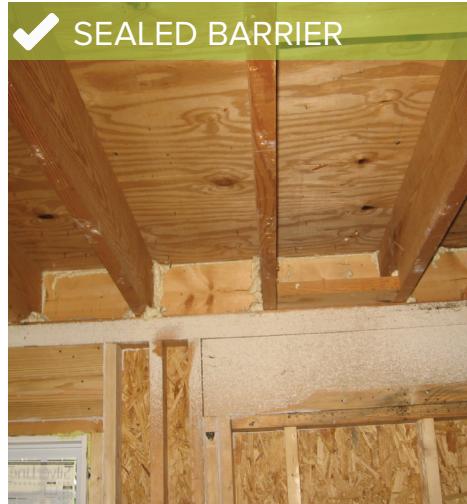
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3. Air seal all rigid air barriers that enclose cantilever floors.

X NO AIR BARRIER



✓ SEALED BARRIER



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

X NO SEAL

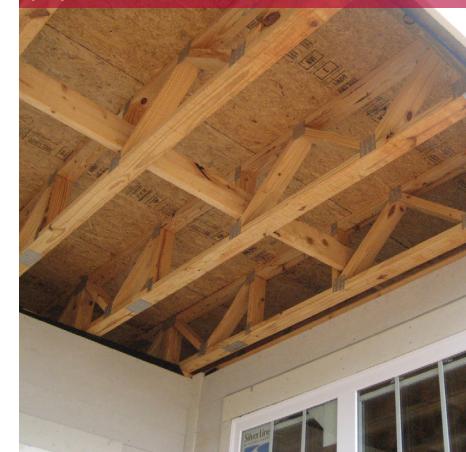


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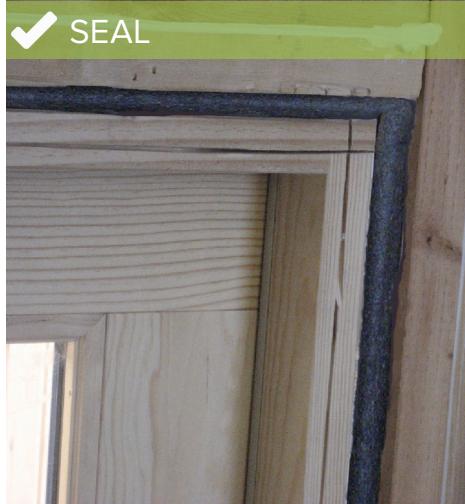
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5. Air seal around windows and doors using backer rod, caulk or low expansion foam.

X INSULATION



✓ SEAL

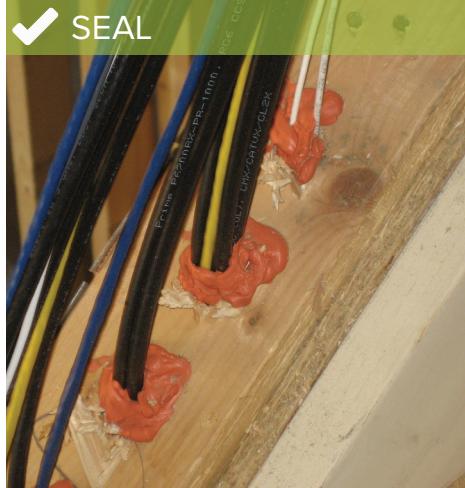


6. Air seal all penetrations between conditioned and unconditioned spaces. Use fire-rated sealants where applicable.

X INSULATION



✓ SEAL

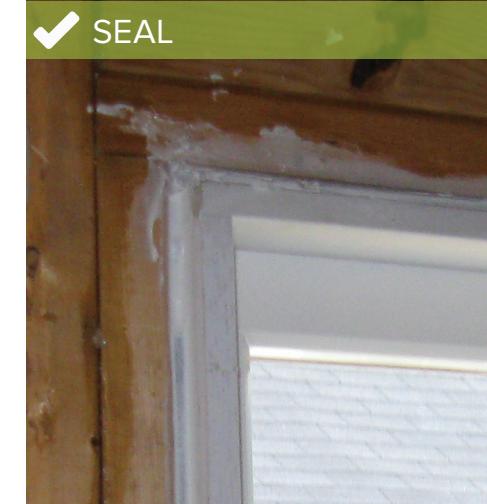


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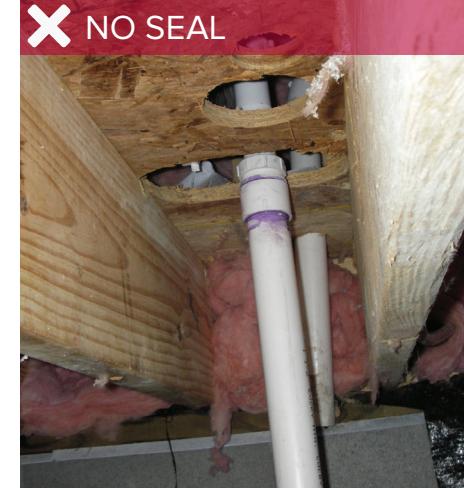


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X NO SEAL



✓ SEAL





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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.

X TAPE

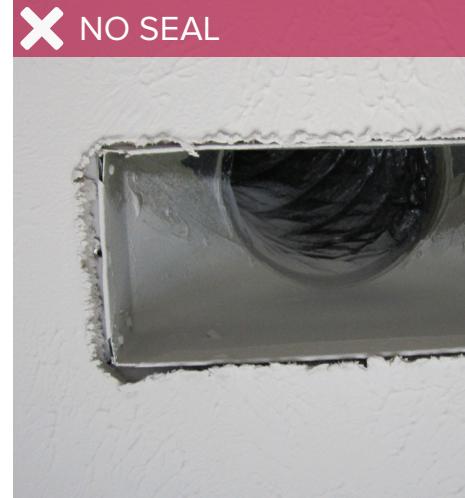


✓ SEAL



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X NO SEAL



✓ SEAL

