

Success with 2009 IECC in Arkansas
Tech Tips for Builders

AIR SEALING





TECH TIPS: AIR SEALING

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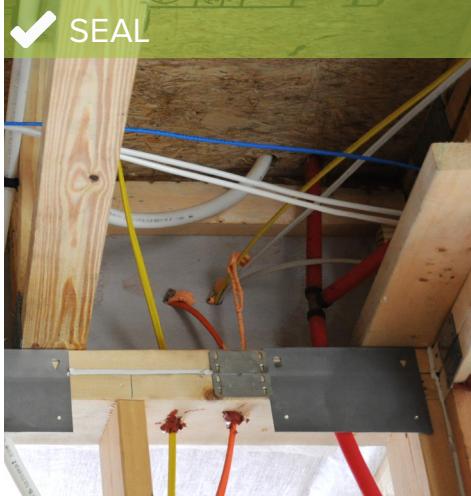
1. Air seal all dropped ceilings/soffits, shafts and chases.



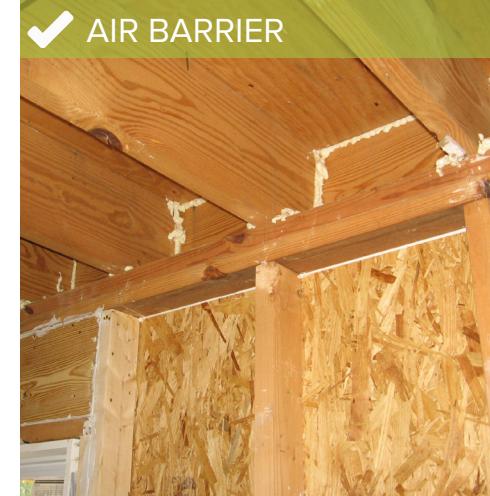
1. Air seal all dropped ceilings/soffits, shafts and chases.



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



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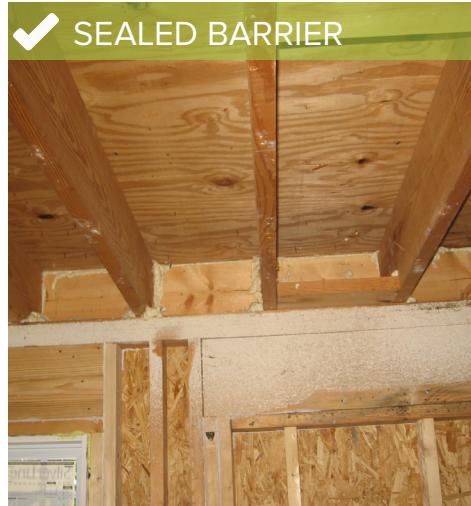
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3. Air seal all rigid air barriers that enclose cantilever floors.

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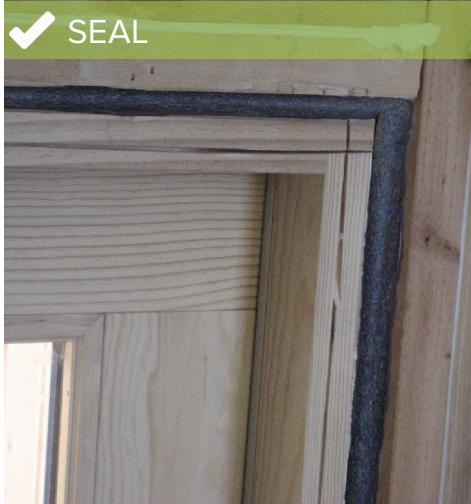
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5. Air seal around windows and doors using backer rod, caulk or low expansion foam.

X INSULATION



✓ SEAL

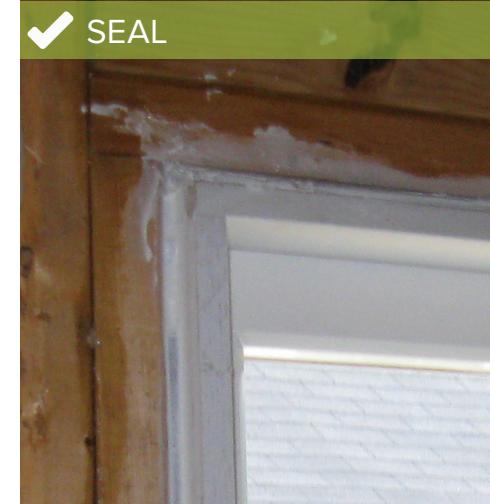


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✓ SEAL

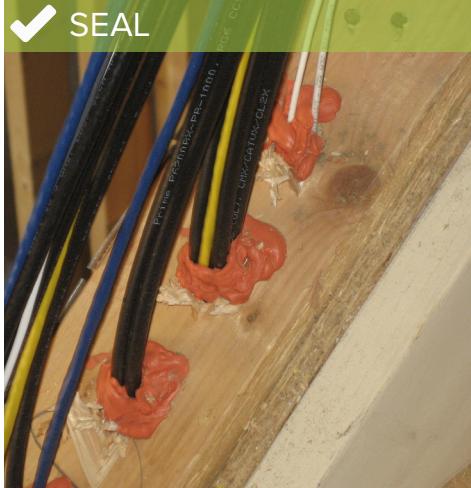


6. Air seal all penetrations between conditioned and unconditioned spaces. Use fire-rated sealants where applicable.

X INSULATION

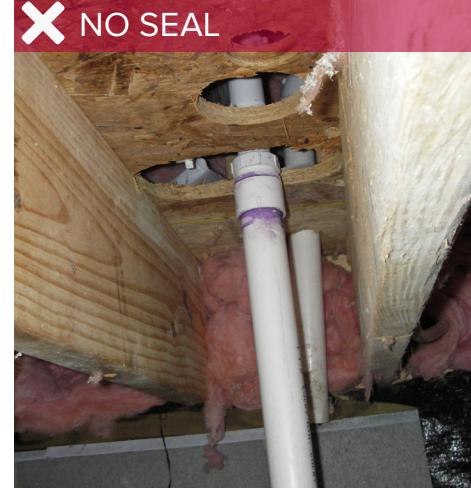


✓ SEAL

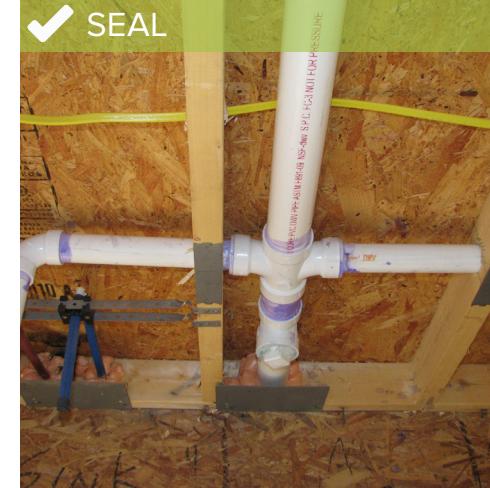


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✓ SEAL





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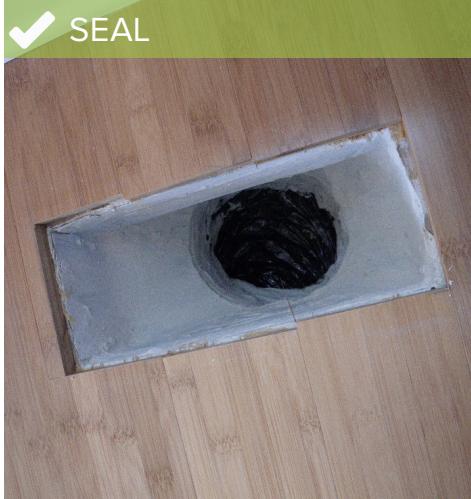
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7. Air seal supply and return duct terminations to drywall and/or subfloor with caulk, foam or equivalent material. Use fire-rated sealants where applicable.

X TAPE

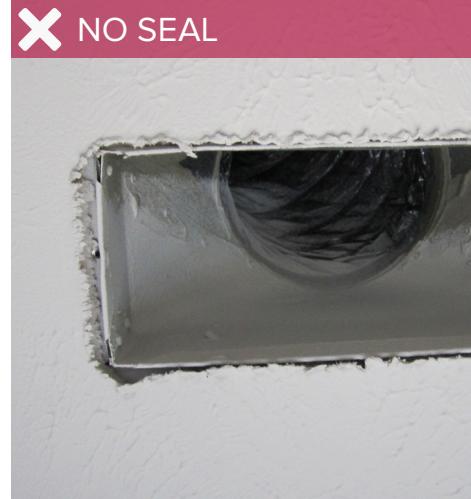


✓ SEAL



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✓ SEAL

