



Success with 2009 IECC:
Tech Tips for Builders

AIR SEALING





TECH TIPS: AIR SEALING

Success with 2009 IECC for Builders

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

X INSULATION



✓ SEAL



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

X NO SEAL



✓ SEAL

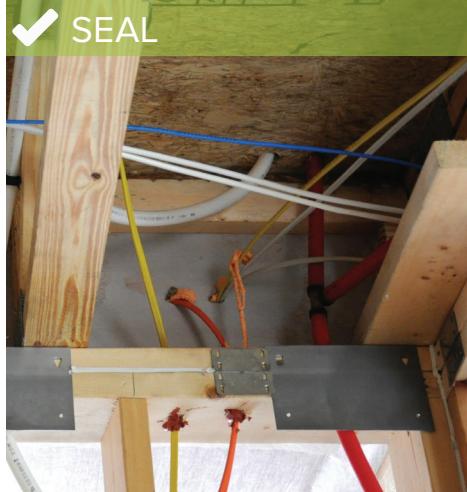


2. For all floor systems within the conditioned envelope, air seal bands or blocking that separates condition and unconditioned space.

X NO SEAL



✓ SEAL



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

X NO AIR BARRIER



✓ AIR BARRIER





TECH TIPS:

AIR SEALING

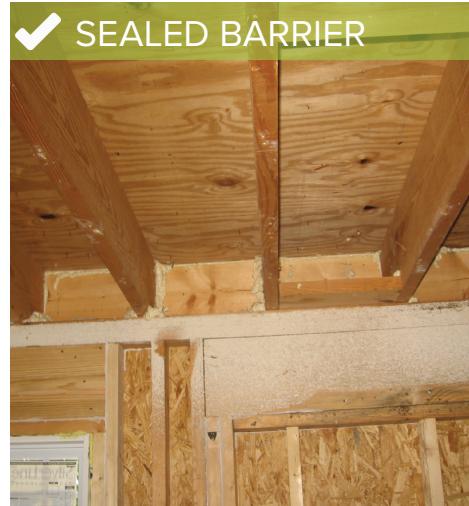
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3. Air seal all rigid air barriers that enclose overhanging floor cavities.

✗ NO AIR BARRIER



✓ SEALED BARRIER



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

✗ NO RIGID AIR BARRIER



✓ SEALED BARRIER



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

✗ NO SEAL

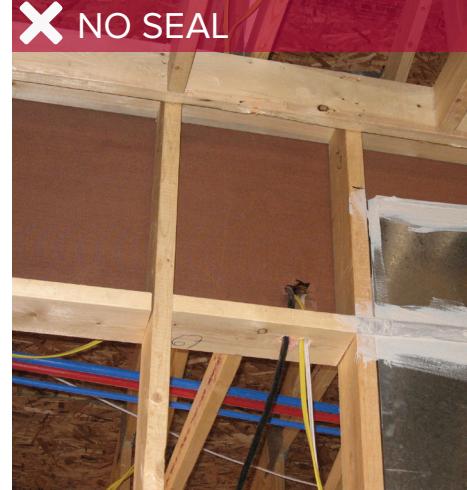


✓ SEAL



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

✗ NO SEAL



✓ SEAL

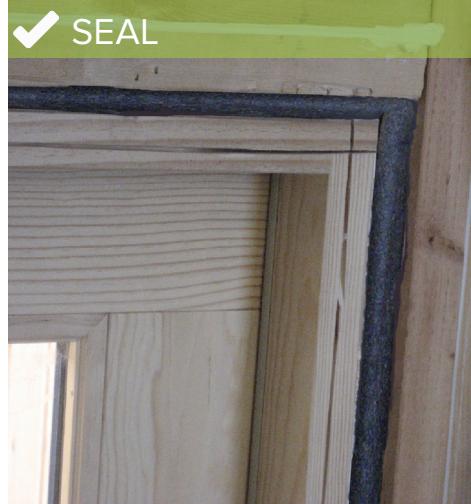




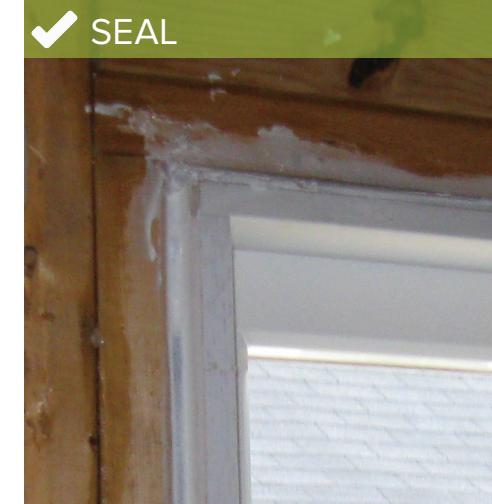
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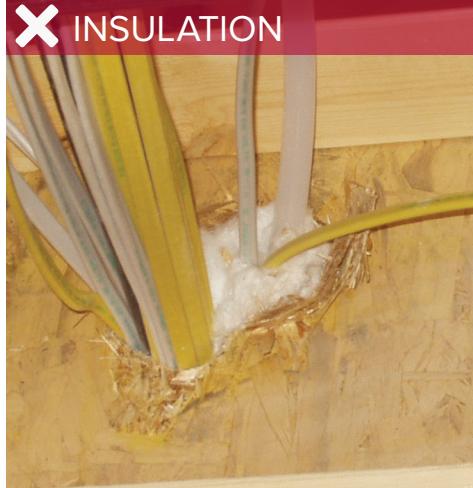
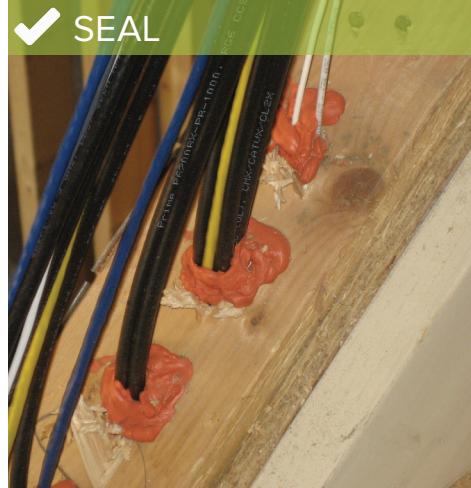
5. Air seal around windows and doors using backer rod, caulk or low expansion foam.

X INSULATION**✓ SEAL**

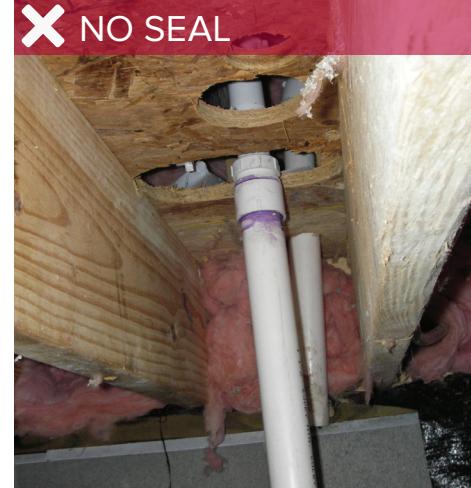
5. Air seal around windows and doors using backer rod, caulk or low expansion foam.

X NO SEAL**✓ SEAL**

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

X INSULATION**✓ SEAL**

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

X NO SEAL**✓ SEAL**



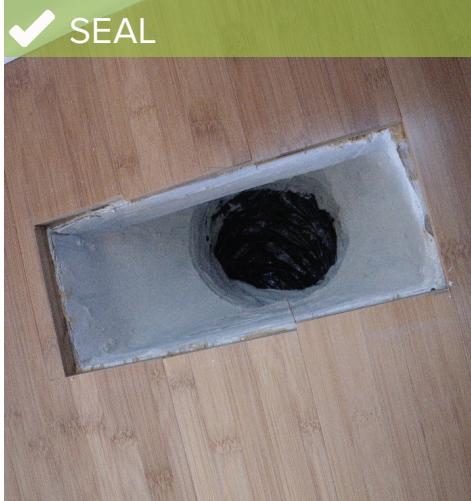
TECH TIPS: AIR SEALING

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



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 NO SEAL



✓ SEAL

