



## Success with 2012 Code in North Carolina: Tech Tips for Builders

# AIR SEALING



Copyright ©2014 Advanced Energy. All Rights Reserved





# TECH TIPS: AIR SEALING

Success with 2012 IECC for Builders

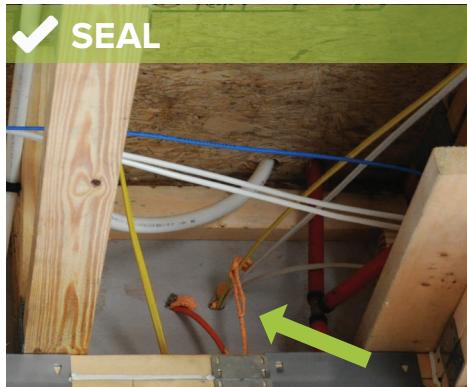
1. Air seal all dropped ceilings/soffits, shafts and chases.



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.



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





# TECH TIPS: AIR SEALING

Success with 2012 IECC for Builders

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



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



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



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





# TECH TIPS: AIR SEALING

Success with 2012 IECC for Builders

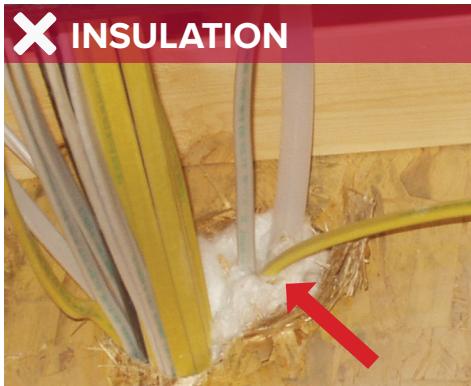
5. Air seal around windows and doors using backer rod, caulk or low expansion foam.



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.



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





# TECH TIPS: AIR SEALING

Success with 2012 IECC for Builders

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.



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.

