



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

# ELECTRICAL



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# TECH TIPS: ELECTRICAL

Success with 2012 IECC for Builders

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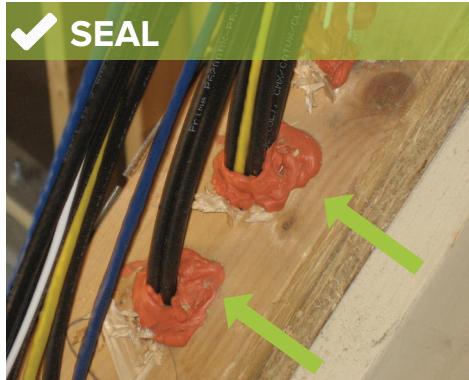




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- 2.** Air seal electrical penetrations between conditioned and unconditioned space. Use fire-rated sealants where applicable.



- 3.** Install recessed lighting fixtures that are insulation-contact rated (IC), sealed to drywall with caulk foam or gasket, and are airtight or are located in an airtight sealed box.



- 4.** Coordinate bath fan exhaust duct direction with HVAC Contractor.



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5. Install high-efficacy lamps (e.g. CFLs, LEDs, fluorescent) in 75% of light fixtures.

High Efficacy Bulb Requirements	
Bulb (Watt)	Efficiency (lumens/Watt)
≤ 15	40
15 - 40	50
> 40	60

The high-efficacy bulb count is based on the number of lamps and includes both pin-based fixtures (fluorescent tubes and pin-based compacts) and standard screw-base fixtures. The provision applies to indoor spaces and outdoor facades of all residential buildings, including accessory structures and garages.