



Success with 2014 Florida Building Code,  
Energy Conservation  
*Checklist for Builders & Trades*

# AIR SEALING





# AIR SEALING CHECKLIST: JOB READY

## RECOMMENDED PRACTICES + CODE REFERENCE

✓ ✗ N/A

- |  |                          |                          |                          |
|--|--------------------------|--------------------------|--------------------------|
| <p><b>1. All walls separating conditioned and unconditioned spaces shall provide the required R-value, have a top plate, bottom plate and an exterior air barrier. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br/>Code Reference: 2014 FBC, Energy Conservation Table 402.1.1: Insulation levels , 2014 FBC, Energy Conservation 402.4.1.1: Air barrier and insulation installation</p> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p><b>2. All walls separating conditioned and unconditioned spaces have an interior air barrier. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br/>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation</p>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p><b>3. All dropped ceilings/soffits, shafts and chases are capped with an air barrier and air sealed. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br/>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation</p>   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p><b>4. For cantilever floors, framing allows for full amount of required insulation and will encapsulate with an exterior air barrier and air sealing. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br/>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation</p>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p><b>5. All floor systems within the conditioned envelope have air-sealed rim/band joists or blocking sealing and separating conditioned from unconditioned spaces. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br/>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation</p>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <p><b>6. All holes are cleanly cut and are no more than 1 inch larger than the penetrating object.</b><br/>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation</p>  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

## BUILDER VERIFICATION

✓ ✗

- |  |                          |                          |
|--|--------------------------|--------------------------|
| Stop work until details are corrected. | <input type="checkbox"/> | <input type="checkbox"/> |
| Proceed without corrections.           | <input type="checkbox"/> | <input type="checkbox"/> |

The sub-contractor who signs and completes this form is doing so to the best of his/her knowledge and should not be held legally responsible for work completed by other organizations. The intent of this form is to ensure job sites are ready before beginning work.

Signature:

Date:



# AIR SEALING

## CHECKLIST: JOB COMPLETE

### RECOMMENDED PRACTICES + CODE REFERENCE

✓ ✗ N/A

- |    |  |                          |                          |                          |
|----|--|--------------------------|--------------------------|--------------------------|
| 1. | <b>Cap and air seal all dropped ceilings/soffits, shafts and chases. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | <b>All floor systems within the conditioned envelope have air-sealed rim/band joists or blocking sealing and separating conditioned from unconditioned spaces. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | <b>Air seal all air barriers that enclose cantilevered floors. <i>RECOMMENDED: RIGID AIR BARRIER</i></b><br>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. | <b>Air seal all gaps and voids between conditioned and unconditioned spaces.</b><br>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. | <b>Air seal around windows and doors using backer rod, caulk or low expansion foam.</b><br>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | <b>Air seal all penetrations between conditioned and unconditioned spaces. Use fire-stop systems where applicable.</b><br>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. | <b>Seal all duct terminations to drywall and all HVAC penetrations in the building envelope with foam, caulk or mastic. Use fire-stop systems where applicable.</b><br>Code Reference: 2014 FBC, Energy Conservation Table 402.4.1.1: Air barrier and insulation installation                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

### CERTIFICATION

The sub-contractor who signs and completes this form is doing so to the best of his/her knowledge and should not be held legally responsible for work completed by other organizations.

Name:

Company:

Signature: