



Success with 2012 IECC Nevada
Checklist for Builders & Trades

AIR SEALING





AIR SEALING CHECKLIST: JOB READY

RECOMMENDED PRACTICES + CODE REFERENCE

✓ ✗ N/A

For walls separating conditioned and unconditioned space, framing allows for the required R-value,

1. **has a top plate, bottom plate and an exterior air barrier.**

Code Reference: 2012 IECC Table R402.1.1: Insulation levels

For walls that will not have an interior finish and are separating conditioned and unconditioned spaces, insulate wall cavities and install an interior air barrier, sealed at all seams and edges (e.g. behind bath tub, fireplace, stairs).

- 2.

Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation

3. **All dropped ceilings/soffits, shafts and chases are capped with an air barrier. *RECOMMENDED: RIGID AIR BARRIER***

Code Reference: 2012 IECC TABLE R402.4.1.1: Air barrier and insulation installation

For cantilever floors, an air barrier is attached, insulated and air sealed at the underside.

4. **This air barrier can be the exterior finish material if it is airtight.**

Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation

All floor systems within the conditioned envelope have a band or blocking separating conditioned and unconditioned space.

- 5.

Code Reference: 2012 IECC TABLE R402.4.1.1: Air barrier and insulation installation

6. **All holes are cleanly cut and are no more than 1 inch larger than the penetrating object.**

Code Reference: 2012 IECC TABLE R402.4.1.1: Air barrier and insulation installation

BUILDER VERIFICATION

✓ ✗

Stop work until details are corrected.

Proceed without corrections.

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. Air seal all dropped ceilings/soffits, shafts and chases.
Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. For all floor systems within the conditioned envelope, air seal bands or blocking that separates conditioned and unconditioned space.
Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Air seal all air barriers that enclose cantilevered floors.
Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Air seal all gaps and voids between conditioned and unconditioned spaces.
Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Air seal around windows and doors using backer rod, caulk or low expansion foam.
Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Air seal all penetrations between conditioned and unconditioned spaces. Use fire-rated sealants where applicable.
Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Use fire-rated sealants where applicable.
Code Reference: 2012 IECC Table R402.4.1.1: Air barrier and insulation installation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

CERTIFICATION

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Name:

Company:

Signature:

ADDITIONAL ITEMS

2012 IECC R402.4.1.2

Air Leakage Testing