

ADVANTAGE ENERGY KEY

COMPLIANCE CHECKLIST (Builder-Certified)

In order for a home to be built to the **ADVANTAGE ENERGY KEY** level, the requirements of this check list must be completed. Once completed and notarized, attach this form to the **ENERGY KEY®** Registration and submit to the HBAA.

Required minimum fenestration and insulation levels:

| | Climate Zone 2 Baldwin & Mobile Counties | Climate Zone 3 All other counties |
|--|---|---|
| <input type="checkbox"/> Window U-factor | 0.75 | 0.65 |
| <input type="checkbox"/> Skylight U-factor | 0.75 | 0.65 |
| <input type="checkbox"/> Window SHGC | 0.40 | 0.40 |
| <input type="checkbox"/> Ceiling R-value | 30 | 30 |
| <input type="checkbox"/> Wood frame wall R-value | 13 | 13 |
| <input type="checkbox"/> Mass wall R-value | 4 | 5 |
| <input type="checkbox"/> Floor R-value | 13 | 19 |
| <input type="checkbox"/> Basement wall R-value | 0 | 0 |
| <input type="checkbox"/> Slab R-value | 0 | 0 |
| <input type="checkbox"/> Crawlspace wall R-value | 0 | 5/13* |

* This requirement may be met with either R-5 continuous or R-13 cavity insulation

Mechanical System Requirements:

- Heating and cooling equipment shall be sized based on building loads calculated in accordance with ACCA Manual J.
- Heat pumps having supplementary electric-resistance heat shall have controls that, except during defrost, prevent supplemental heat when the heat pump compressor can meet the heating load.

- Ducts, air handlers, filter boxes and building cavities used as ducts shall be sealed by an approved method to prevent air leakage.
- Building framing cavities shall not be used as supply ducts.
- Outdoor-air intakes and exhausts shall have dampers that close when the ventilation system is not operating

Alternatively, code compliance may be assessed and verified by an approved software package, such as REScheck, available free of charge at www.energycodes.gov/rescheck.

All applicable measures must be verified and checked to ensure a continuous air and thermal barrier. Insulation must be in full contact with the air barrier to provide an adequate thermal envelope.

- All chases blocked and sealed
- Stud cavities blocked and sealed at change in ceiling height
- Attic kneewall has sealed attic-side sheathing
- Joist cavities under attic kneewall blocked
- Exterior walls behind shower or tub are fully enclosed on all six sides
- Penetrations through top and bottom plate sealed
- Bottom plate sealed to floor or foundation
- Window and door rough openings sealed
- Gaps in exterior wall sheathing sealed
- Sheathing penetrations sealed (including exterior light fixtures)
- Penetrations through band sealed (including bathroom exhaust fan)
- Exterior walls of fireplace chase sealed
- Penetrations through insulated subfloor sealed (including HVAC boots)
- Shower and tub drains sealed
- Cantilevered floor sealed above supporting wall
- All recessed can lights in insulated ceilings must be airtight and IC-rated
- Penetrations through insulated ceiling sealed (including HVAC boots)
- Attic kneewall doors & scuttle holes weatherstripped
- Attic pull-down stairs, scuttle hole, & kneewall doors sealed at rough opening

- Penetrations through drywall in attached garage sealed
- Recessed light fixtures must be airtight and IC-rated or enclosed in an airtight box

Advantage Energy Key Home Information

Address _____

City _____ State _____ Zip _____

Date Built: _____

Builder Name: _____

Company Name: _____

Has the home constructed at the address listed above been constructed in compliance with all the items listed on the Compliance Checklist?

Yes _____ No _____

Under the penalties of perjury, I certify that the foregoing answers and responses are true and correct to the best of my knowledge, information, and belief.

BUILDER SIGNATURE

BUILDER NAME (PRINT)

I, the undersigned, a Notary Public in and for said state and country, do hereby certify that _____, whose name is signed to the foregoing instrument and who is known to me, acknowledged before me on this day that, being informed of the contents of said instrument, he/she executed the same voluntarily on the day the same bears date.

Given under my hand and official seal this _____ day of _____, 2007.

NOTARY PUBLIC
My commission expires: _____