

1. Scope

The Insulation Contractor shall furnish all labor, supervision, equipment, tools, sealants, fasteners, and incidental materials necessary to complete the insulation and air sealing installation in accordance with the approved plans, manufacturer specifications, applicable building and energy codes, local jurisdiction requirements, and Kit Culture construction standards.

Insulation assemblies, R-values, vapor barrier requirements, and installation methods may vary by state, climate zone, and local code requirements. The contractor shall install all insulation products and assemblies specified on the approved construction plans and as required by the Authority Having Jurisdiction (AHJ).

IMPORTANT

INSULATION R-VALUES, INSULATION TYPES, VAPOR BARRIER REQUIREMENTS, AND INSTALLATION REQUIREMENTS WILL VARY BY STATE, CLIMATE ZONE, AND LOCAL BUILDING CODES. THE CONTRACTOR SHALL INSTALL THE INSULATION SPECIFIED ON THE APPROVED CONSTRUCTION PLANS AND REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ).

2. Air Sealing Responsibilities

- Foam seal all penetrations through exterior walls, top plates, and bottom plates.
- Seal plumbing, electrical, and mechanical penetrations.
- Caulk all required air leakage locations to satisfy applicable energy code.
- Install foam sealant around exterior windows and door frames.
- Verify all concealed penetrations are sealed prior to insulation installation.
- Coordinate with framing, plumbing, HVAC, and electrical trades before installation.

3. Insulation Responsibilities

- Install 60-inch cardboard ventilation baffles where required.
- Install blown fiberglass attic insulation to the depth specified on the approved plans.
- Install 15-inch R-19 unfaced fiberglass batt insulation where specified.
- Install 15-inch R-21 unfaced fiberglass batt insulation where specified.
- Install 23-inch R-21 unfaced fiberglass batt insulation where specified.
- Install 4-mil clear poly vapor barrier where required by the approved plans and local code.
- Install insulation neatly around plumbing, electrical, and mechanical components.
- Completely fill all wall and ceiling cavities shown on the approved plans without excessive compression.

4. Workmanship Standards

- Install all insulation in accordance with manufacturer specifications.
- Install batt insulation full height and width without gaps, voids, or compression.
- Split insulation around wiring where required.
- Maintain continuous insulation coverage.
- Install ventilation baffles to maintain proper attic airflow.
- Repair damaged vapor barrier before completion.
- Leave the work area clean and free of insulation debris.

5. Final Inspection

- Verify all wall and ceiling cavities are completely insulated.
- Verify attic insulation has been installed to the required depth.
- Verify ventilation baffles are installed correctly.
- Verify all required air sealing has been completed.
- Verify vapor barrier installation complies with approved plans and local code.
- Correct all punch-list items prior to final inspection.