

ECOBATT® INTEGRATED ROOF DECK (IRD) INSULATION

A cutting-edge solution for both Vented and Unvented High Performance Attics.



Quick and easy to install using only a staple gun



Proprietary, labor-efficient installation method saves time and money



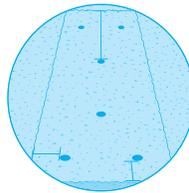
Provides continuous insulation underneath the roof deck, enveloping the top chord of the roof truss and creating a thermal break



Insulation is not compressed by straps or wires, allowing the full thermal performance and helping to deliver a Quality Insulation Installation (QII)

RECOMMENDED MATERIALS + EQUIPMENT

- EcoBatt IRD insulation
- Cordless staple gun
- ¼" crown and ½" leg galvanized staples
- Ladder or scaffolding
- Batt knife
- Dust mask, safety glasses, and gloves



3. BATT INSTALLATION

- Install IRD batts along the eave, working up the slope of the roof deck.
- Ensure the facing is tight against the roof deck and the edges of the IRD batt touch each other beneath the top chord of the roof truss, creating a thermal break. The friction fit will hold the batt in place until stapling.

4. STAPLING

- A minimum of **six (6) staples** per batt: one in each corner a minimum of 6" from either edge, and two (2) additional down the center line of the batt, approximately 16" from both ends of the batt.
- The IRD batts will envelop the 2x4 roof truss, so that the framing is hidden from view—creating a thermal break.

1. JOBSITE PREP

- Preferably, install EcoBatt IRD prior to HVAC installation.
- Make sure area is clear of debris.
- Adjust the stapler's pressure to leave roughly ¼"–½" of the staple crown revealed.
- Set up scaffolding or ladder, and ensure all parts are locked.

2. UNVENTED ATTICS

- If installing in an Unvented Attic application, make sure the attic area is properly air sealed, paying particular attention to the roof deck, gable ends, eaves, and any roof penetrations.

5. INSULATION STOP INSTALL

- **Only required for vented attics.**
- Install insulation stops at bottom of eave, allowing air flow between ceiling insulation and IRD roof deck batts.

| FORMS AVAILABLE WOOD FRAME CONSTRUCTION | | | | | |
|---|------------------|---------|--------------|---------------------------|-----------------|
| Product Code | Reference Number | R-Value | Thickness | Description | Coverage |
| 596035 | 223IRD | R-19 | 6¼" (159 mm) | KSK, PERF 6¼" x 24" x 48" | 128 sq. ft./bag |
| 625239 | 237IRD | R-38 | 12" (305 mm) | KSK, PERF 12" x 24" x 48" | 64 sq. ft./bag |

| TABLE 150.1-A COMPONENT PACKAGE - SINGLE FAMILY STANDARD BUILDING DESIGN | | | | | | | | | | | | | | | | | | |
|--|---|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Single Family | | Climate Zone | | | | | | | | | | | | | | | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Building Envelope Insulation | | | | | | | | | | | | | | | | | | |
| Option B (meets §150.1(c)9A) | Below Roof Deck Insulation (with air space) | NR | NR | NR | R-19 | NR | NR | NR | R-19 |
| | Ceiling Insulation | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 |
| | Radiant Barrier | NR | REQ | REQ | NR | REQ | REQ | REQ | NR |
| Option C (meets §150.1(c)9B) | Ceiling Insulation | R-38 | R-30 | R-38 | R-38 | R-38 | R-38 | R-38 | R-38 |
| | Radiant Barrier | NR | REQ | NR | NR |

Shaded Climate Zones represent locations where below roof deck insulation is Prescriptive Standard.