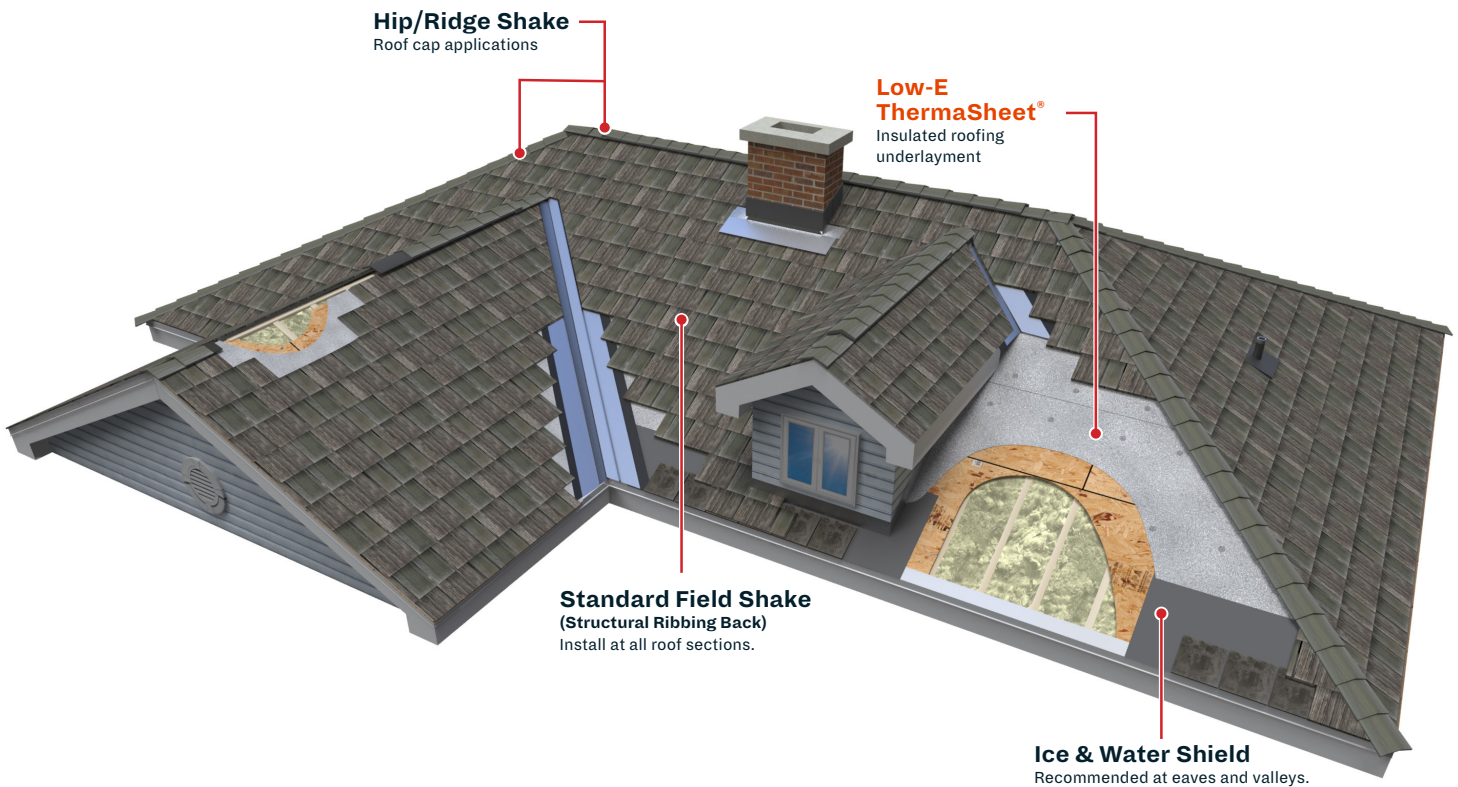




Low-E ThermaSheet® Insulated Roofing Underlayment



Save on Energy Costs with Low-E ThermaSheet® Insulated Roofing Underlayment

Increases Energy Savings

Lowers attic temperature helping to reduce energy costs of your home or business.

Better Roof Coverage

Built-in overlap means full five squares (500 ft²) of underlayment coverage.

Self-Sealing

Self-sealing around fasteners.

Versatile Underlayment

Great for new or re-roofing products under synthetic roofing materials.

Cool Roof Compliant (Title 24)

Complies with Exception 1 to Section 150.2(b)1ii Buildings with R-2 or greater continuous insulation above or below the roof deck.

Product Description

Double-sided scrimmed aluminum foil laminated polyethylene foam.

Product Specifications

Width: 4' (with a 4" overlapping flange)

Thickness: 1/8"

Length: 125'

Product Codes: 4LMPX (1/8" nominal thickness), 4LFPX (7/32" nominal thickness)

Approvals: ICC Approved (ESR-3652)

PERM RATING: ASTM E96 0.008

EMITTANCE: ASTM C1371 0.03



Low-E ThermaSheet® Insulated Roofing Underlayment



Low -E ThermaSheet® Underlayment is an insulation material designed to provide a thermal break and act as a radiant barrier, reducing heat transfer. When combined with the built-in airspace under Brava's shake and slate profiles, it can increase the R-Value – a measure of roof, and by extension, the whole house. This results in better insulative properties and the potential for lowering heating & cooling costs.

PRODUCT FEATURES

- **Lightweight:** 500 square feet weighs just 22 lbs.
- **Easy to handle:** ThermaSheet is flexible, non-toxic and easy to cut and install.
- **Seals around fasteners:** Provides a more thorough vapor and moisture barrier.
- **Durable:** Can be left exposed when "drying out" time is needed.
- **Save on energy costs:** Offers an efficient, affordable energy upgrade.
- **Aids in design:** Can be used as an alternative in Cool Roof design (Title 24).
- **Fire resistance:** Helps achieve a Class A fire rating when used under Brava's Cedar Shake and Slate.

CALCULATED THERMAL RESISTANCE

The total resistance of the roof assembly (surface-to-surface) is the sum of R-roof, the thermal resistance for the underlayment, and the thermal resistance of the plywood sheathing. The above deck thermal resistance does not include the roof sheathing R-value*.

Table: R-values for Brava Cedar Shake / Slate Roofing with Low-E Underlayment

Assembly Description	Winter - Thermal Resistance (ft ² •h•°F/Btu)	Summer - Thermal Resistance (ft ² •h•°F/Btu)
Brava Shake or Slate with 1/8" Low-E Underlayment & 15/32" Plywood Deck	3.46	3.43
Brava Shake or Slate with 1/8" Low-E Underlayment Above Deck	2.72	3.02

*System R-Value for this installation method was calculated using data from the ASHRAE Handbook of Fundamentals.