

## GAF EnergyGuard™ Polyiso Wall Sheathing

GAF's EnergyGuard Polyiso Wall Sheathing is intended to be installed on residential construction only. Application types include:

- Framed stud walls (exterior & interior)
- Re-siding
- Exterior masonry walls
- Vaulted/ cathedral ceilings
- Interior basement walls

The following are general application instructions. Be sure to review complete instructions at [www.gaf.com](http://www.gaf.com).

### Exterior Framed Stud Walls... General Application Instructions:

- Before applying any boards, make sure to use code-accepted shear and corner bracing, such as metal strapping, let-in diagonal wood bracing or structural sheathing, such as OSB or plywood.
- Install EnergyGuard™ Polyiso Wall Sheathing boards so that the longer edge is positioned vertically with the edges resting on the middle of the stud. Make sure that the board joints are in contact with each other, with the printed side facing the exterior. Contact your local building code official for requirements on horizontal bracing.
- Fasten all boards using galvanized ring shank nails with a minimum 3/8" (9.5 mm) diameter heads or staples with minimum 1" (25 mm) diameter plastic caps. Fasteners must be long enough to penetrate the substrate at least 3/4" (19 mm).
- Fasten EnergyGuard™ Polyiso Wall Sheathing boards 12" (305 mm) o.c. around the perimeter and 16" (406 mm) o.c. in the field or as required by local codes. Do not overdrive the fasteners.



- Seal all exterior openings and penetrations with all-weather sealant, such as silicone caulk, prior to taping. Make sure all areas are clean prior to sealing and taping to ensure proper adhesion.
- Center and apply 3" (76 mm) wide foil flashing tape to all board joints, penetrations, window flanges and door edges. Apply tape and sealant in accordance with the manufacturer's application instructions.
- Always cover EnergyGuard™ Polyiso Wall Sheathing with a code-approved exterior cladding system, such as vinyl siding, wood siding, aluminum siding, brick, stucco, cover board, etc.
- Cladding should be installed in accordance with the cladding system manufacturer's application instructions.
- In areas of high humidity or as required by local code, install a vapor retarder.



**NOTE:**

1. The insulation boards must be separated from the interior of the building by an approved thermal barrier in accordance with IBC Section 2603.4 or IRC Section R316.4 as applicable. Contact your local building code official for requirements on fire barriers. **Do not leave boards exposed to the weather or near high heat sources.** In addition, the insulation shall not come into contact with hot objects.

For other types of application or further information, contact our Technical Services at **800-ROOF-411** (800-766-3411) or [www.gaf.com](http://www.gaf.com).