

**Description**

- Factory fabricated from rigid perlite insulation board.
- Tapered roof insulation systems are supplied in 2' x 4' or 4' x 4' boards, custom cut and tapered to 1/16", 1/8", 3/16", 1/4", 3/8", 1/2", 3/4 and 1" per foot slope depending on the need
- Quality roof insulation or polyiso insulation is used as fill insulation to complete the system.

**Uses**

- To create positive drainage on new roofs and reproofs.
- To eliminate trouble spots on roofs where and when ponding is a problem
- Properly installed, perlite roof insulation is suitable for use under built-up, modified bitumen and some single ply roofing systems.
- Refer to the application specifications in the current Membrane Manufacturer's Application and Specifications Manual for proper installation procedures for perlite roof insulation

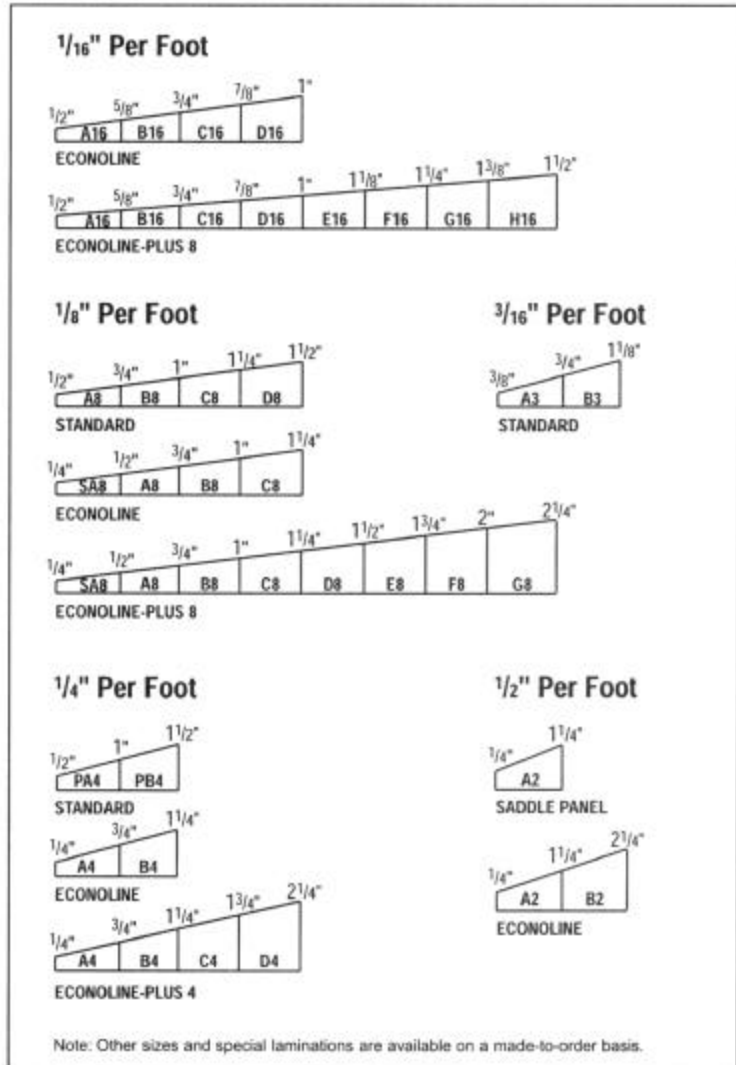
**Advantages**

- Environmentally friendly. The minimum recycled content is 25% by weight. Complies with the Environmental Protection Agency Regulation 40 CRT Part 248, Guideline for Federal Procurement of Building Insulation Products Containing Recovered Materials", as a recycled product approved for use on any project using federal funds.

**Limitations**

- Perlite roof insulation is a non-structural, non-load bearing material.
- Perlite roof insulation should not be left exposed to the weather.
- No more insulation should be applied than can be completely covered with the finished roofing on the same day.
- It is NOT designed for use under fully adhered single ply systems nor for direct torch application of modified bitumen.
- If torch grade modified bitumen roofing is to be installed over Perlite, a fiberglass base sheet MUST first be installed.

**Perlite Tapered Roof Insulation Systems**  
 Vertical Scale Exaggerated



**Perlite Insulation Values**

| Average Thickness | Nominal    |            |
|-------------------|------------|------------|
|                   | "C" values | "R" values |
| 1"                | .36        | 2.78       |
| 1 1/2"            | .24        | 4.17       |
| 2"                | .18        | 5.56       |
| 2 1/2"            | .15        | 6.67       |
| 3"                | .12        | 8.33       |



This symbol identifies this Perlite® product as one that uses a substantial amount of recycled materials and is biodegradable in the future.