

InsulLam™ Insulated Nailbase

Premium Laminated Nailbase Insulation

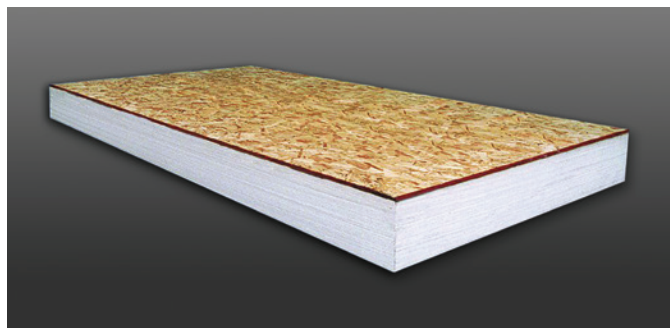
InsulLam™ is an engineered insulation consisting of a closed-cell, lightweight and resilient expanded polystyrene (EPS) or graphite expanded polystyrene (GPS) bonded to an APA/TECO-rated oriented strand board (OSB) or plywood. High-quality EPS or GPS is utilized and, upon request, will meet or exceed the requirements of ASTM C578, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation. OSB is available in nominal thicknesses of 7/16" and 5/8" and plywood is available in a nominal thickness of 5/8". InsulLam has excellent dimensional stability, compressive strength and water resistance properties. InsulLam can also be manufactured with an assortment of other cover boards.

ADVANTAGES

- ✓ **System Enhancement.** The use of InsulLam in low-slope applications may make a roof system eligible for an enhanced warranty from the membrane manufacturer. InsulLam provides an additional resistance to misuse, abuse and adverse weather conditions, such as high winds and hail, that is not available with traditional foam insulations.
- ✓ **Environmentally Friendly.** Does not contain any blowing agents, may contain recycled material, and is 100% recyclable if removed or replaced.
- ✓ **Stable R-value.** The product's thermal properties will remain stable over its entire service life. With no thermal drift, a 20-year thermal performance warranty is provided.
- ✓ **Proven Performance.** EPS is manufactured using the same decades-long proven chemistry.
- ✓ **Water Resistance.** The EPS core does not readily absorb moisture from the environment.
- ✓ **Code Approvals.** Insulfoam insulations are recognized by the International Code Council Evaluation Service (ICC-ES), and have numerous Underwriters Laboratory and Factory Mutual Approvals.

R-VALUES

R-value is determined by the EPS or GPS thickness and density selected.



SIZES

InsulLam is available in 4' x 8' sizes with varying overall thickness.

USES

InsulLam is a high-performance nailbase insulation, and is an excellent substrate for a variety of steep-and-low slope roof systems. InsulLam is acceptable for single-ply roof applications that employ mechanically fastened, ballasted or adhered EPDM, TPO or PVC, as well as low-sloped built-up and modified bitumen membrane systems. InsulLam is also well-suited for vaulted and cathedral ceilings. It can also be used as an underlayment for shingle, tile, slate and metal roofing systems. InsulLam is not a structural panel, and is suitable only for installation over fully supported structural decks. Consult the roof manufacturer for additional guidelines.

Installation Recommendations

- Install InsulLam insulation with continuous side joints and end joints staggered so they are offset by a minimum of 12" from the end joints in adjacent rows.
- A minimum of 8 fasteners per 4' x 8' panel should be used when attaching InsulLam to either 22-gauge (min.) metal decks or 1" wood decks. A minimum of 12 fasteners per board should be used when attaching to 1/2" wood decks. Recommended fastening patterns are available in the Insulfoam Roofing Manual. Contact the roof manufacturer for additional recommendations.