



Low Slope Single-Ply Insulated Roof Systems

Single-Ply Roofing Systems

Single-ply roofing membranes are flexible sheets of compounded synthetic materials that are manufactured in a factory. Single ply roof systems provide strength, flexibility, durability and installation speed. The inherent advantages of single-ply systems is the consistency of the quality of the plant manufactured membrane, and the versatility of product types, installation and attachment methods, all resulting in broader system appeal. Single-ply systems are different than another common category of roofing known as BUR (built up roofs), which utilize alternating layers of hot asphalt and reinforcing fabrics to construct a roof in place.

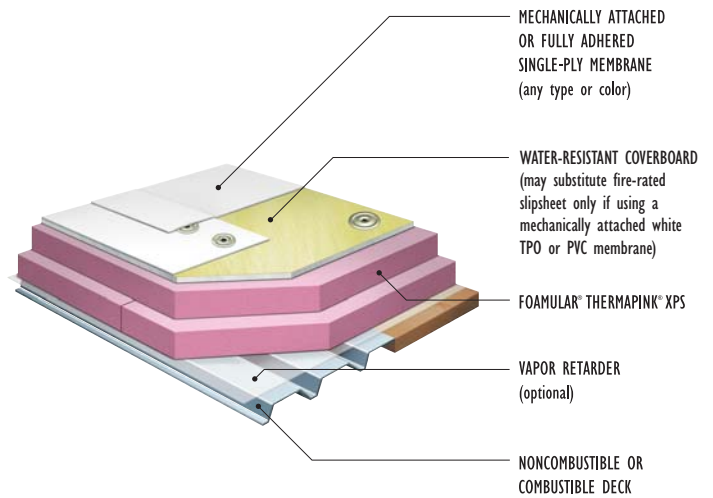
FOAMULAR® THERMAPINK® Extruded Polystyrene (XPS) Rigid Insulation

FOAMULAR® THERMAPINK® XPS is a perfect insulation choice for single-ply roofing systems. THERMAPINK® XPS insulation, with a variety of compressive strengths, high resistance to water absorption, and a stable long term R value of 5 per inch, is a perfect insulation layer for use below single-ply membrane roofing systems. Membrane systems vary in color and chemical composition, and they may be mechanically attached, loose laid/ballasted or fully adhered. Depending on the type of system specified, cover boards, or slip sheets may be required over FOAMULAR® THERMAPINK® XPS insulation. Single-ply systems with THERMAPINK® XPS insulation have a wide variety of Underwriters Laboratories (UL) and Factory Mutual (FM) performance ratings for fire and wind resistance including ASTM E108 Class A, FM 4450 Class I, UL 1256 direct to steel deck with no thermal barrier layer, and, 90 psf and higher wind classifications.

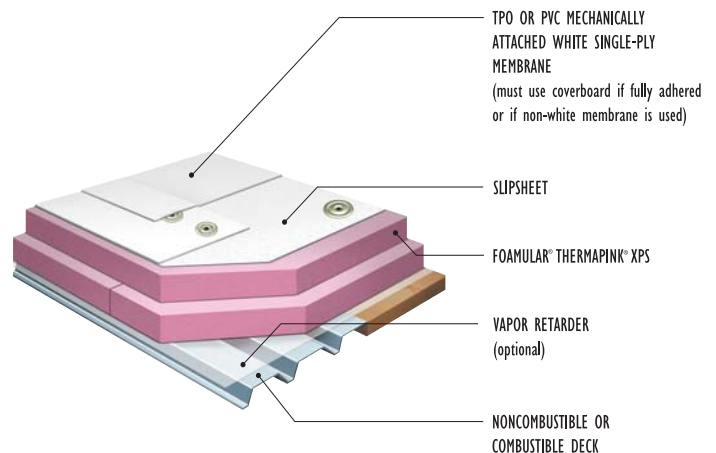
Notes

1. See actual warranty for complete details, limitations and requirements.

Low Slope Single-Ply Above Deck Roof Insulation



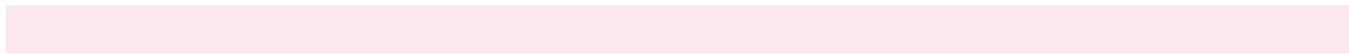
System with Cover Board



System with Fire Resistant Slipsheet



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