

# Tech Memo

## LightGUARD® Protected Membrane Roof Insulation Below the Waterproofing Membrane

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Tapered or flat stock insulation can be used below the waterproofing membrane; however, the T. Clear Warranty does not cover the performance replacement of insulation below the membrane. For low humidity facilities (interior conditions with less than 50% RH at 73 F in winter), Isocyanurate insulation, expanded bead insulation, and wood fiber and perlite based insulation are acceptable below the membrane. The insulation below the membrane may serve as the attachment for the air barrier. See Warranty section for limitations.

**Note:** For optimum design systems (high humidity applications), only extruded polystyrene can be used below the membrane.

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