

**07 0000 – Thermal and Moisture Protection**

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**Last Update: July 1, 2009**

A. For Sound Attenuation:

1. Where appropriate in cavities of frame walls and other interior installations, thermal and acoustical insulation shall be fiberglass of the appropriate type, density, and thickness for the specific application.

B. Exterior Insulation:

1. Roof insulation, masonry cavity wall insulation, and all insulation in contact with the ground shall be extruded polystyrene. Expanded polystyrene is not acceptable in exterior applications.

C. Materials for Steep Slope Roofing:

1. We prefer organic base asphalt shingles.

D. Membrane Roofing:

1. Unless another system is selected for a specific reason, low-slope roofing will be EPDM, loose laid and ballasted. All EPDM membranes shall be 60 mil.
2. Where ballast is not practical, adhere the roofing to a mechanically attached rigid insulation system. Rigid insulation is typically tapered for roof drainage.
3. All membrane roof systems must include a vapor retardant membrane immediately above the deck.

E. Fireproofing Materials:

1. Require spray applied fireproofing to be cementitious, non-asbestos.