

WVU DESIGN GUIDELINES & CONSTRUCTION STANDARDS
DIVISION 07 – THERMAL AND MOISTURE PROTECTION

SECTION 072100 – THERMAL INSULATION

PART 1: GENERAL

1.1 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences for organic or inorganic insulation applied for thermal protection in walls, ceilings, attics, crawl spaces, under concrete slabs on grade and at the perimeters of foundations
- B. Project conditions and requirements vary, thus precluding the absolute adherence to the items identified herein in all cases. However, unless there is adequate written justification, it is expected that these guidelines will govern the design and specifications.

1.2 Related Standards

- A. International Building Code
- B. International Energy Conservation Code for insulation r-values

1.3 General Requirements

- A. WVU does not recommend blown in place loose insulation, it is recommended that certain conditions may require consideration of this method. The project Manager will approve method and material.
- B. The perimeter of slab on grade concrete shall be insulated 3' minimum wide at perimeter. Insulation shall be 2" thick.
- C. Perimeter foundation walls adjacent to slab on grade concrete shall be insulated 3' deep. Insulation shall be 2" thick.

PART 2: PRODUCTS – NOT USED

PART 3: EXECUTION – NOT USED

END OF SECTION 072100