

1.01 Scope of Standard

- A. This standard provides general guidance concerning the specific preferences of Sam Houston State University for organic or inorganic insulation applied for thermal protection in walls, ceilings, attics, and crawl spaces, under concrete slabs on grade and at the perimeters of foundations
- B. SHSU recognizes that 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 for SHSU projects.

1.04 General Requirements Thermal Insulation

- A. Roof: Minimum insulation value equal to wall insulation, but never less than R30.
- B. Wall: Minimum insulation value equal to R13 or higher
- C. Ceiling: insulation value equal to R19 or higher

1.05 General Requirement Sound Insulation

- A. Isolation for sound transmission shall isolate areas such as: Conference rooms, counseling rooms, classrooms, janitor closets, electrical closets containing transformers, toilets, meeting rooms, and other areas requiring confidentiality.
- B. Project requirements may dictate having an acoustic consultant on the consultant team. Review acoustic issues with SHSU early in project planning.
- A. Methods to use shall incorporate sound attenuation blankets, full height drywall assembly to structural deck above ceilings, sound sealant, proper spacing of return air grills, sound transmission boots, etc.

**PART 2: PRODUCTS – NOT USED PART 3:**

**EXECUTION – NOT USED**

END OF STANDARD 07210