

PART 1 - GENERAL

- 1.01 Summary: Surface preparation, furnishing and installation of insulation and accessories for sitework and building insulation including:
- A. Foundation wall insulation (supporting backfill).
 - B. Safing insulation.
 - C. Concealed building insulation in board form.
 - D. Building insulation in batt form.
 - E. Loose-fill building insulation.
 - F. Foamed-in-place insulation. Isolate from interior space per code requirements.
 - G. Other insulation per project requirements.

PART 2 - PRODUCTS

- 2.01 Insulating materials for buried utilities, exterior below grade walls, foundations, or subgrade insulation:
- A. Extruded polystyrene board insulation: Rigid, cellular polystyrene foam thermal insulation with closed-cells and integral high density skin, rated for direct burial, minimum 15 psi rating.
 - B. Urethane foam: Rigid, closed cell, two-component urethane foam with spray-on waterproofing membrane.
 - C. Expanded Polystyrene Board, 40 psi rating
 - D. Polyisocyanurate Board rated for direct burial
- 2.02 Insulating materials for interior partition walls
- A. Mineral fiber type: formaldehyde free, glass
 - B. Combustion and surface burning characteristics: Code compliant.
 - C. Blanket/Batt insulation including sound batts: Unfaced glass fiber batts designed for installation between framing; friction held. Completely fill stud cavity.

2.03 Safing insulation and accessories:

- A. Semi-refractory fiber board safing insulation: Semi-rigid boards designed for use as a fire stop in locations per code.
- B. Use caulking compound per safing insulation material manufacturer recommendation in locations required by code
- C. Use manufacturer approved galvanized steel safing clips.
- D. System must be UL Listed when used in a rated structure.

2.04 Insulating materials for exterior above grade walls:

- A. Extruded polystyrene board insulation: Rigid, cellular polystyrene foam thermal insulation with closed-cells and integral high density skin
- B. Urethane foam: Rigid closed cell, two component urethane foam
- C. Expanded Polystyrene Board
- D. Polyisocyanurate Board
- E. Mineral Fiber Batts or Blankets: Glass, formaldehyde free
- F. Biobased (Soy) Insulation only with UAF FS/DDC preapproval based on application.
- G. Spray applied foams may require a flame retardant.
- H. Rigid or semi-rigid, high density, non-combustible rock (stone) wool insulation board, specifically in curtain wall and parapet applications.

PART 3 – EXECUTION

- 3.01 At the end of a project, Contractor to provide certification that all products installed are asbestos-free.

END OF SECTION