

SECTION 07210

BUILDING INSULATION

PART 1 - GENERAL

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Board Insulation: It is the college's preference to use rigid foam insulators that have zero ozone depletion potential. If the insulation is in contact with the ground, then inherent insect resistance is required. The following insulations should be reviewed against this standard before using.
  - 1. Type: Extruded polystyrene, rigid, ASTM C 578.
  - 2. Type: Polyisocyanurate board, rigid, FS HH-I-1972/1, Class 2.
  - 3. Type: Spray foam insulation.
  
- B. Spray Foam Insulation: ASTM C1029, Type I urethane foam insulation.
  - 1. Polycel One by Grace
  - 2. Froth-Pak by Insta-Foam Products, Inc.

PART 3 - EXECUTION

3.1 CAVITY WALL INSULATION

- A. Apply spray foam insulation to fill gaps between rigid boards and maintain continuous insulation barrier.
  
- B. Special attention shall be required of the spray foam installer around windows and all fenestration to assure that the spray foam insulation seals the envelope of the building without blocking the cavity weep system and the required air flow through wall and roof system ventilation passages.

END OF SECTION