

SECTION 07210
BUILDING INSULATION

1 PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract including General and Supplementary Conditions and Division 1 specification sections apply to Work of this section.

1.2 SECTION INCLUDES

- A. Board thermal insulation at foundation wall perimeter.
- B. Batt thermal insulation and vapor retarder in exterior wall and roof construction.

1.3 SYSTEM DESCRIPTION

- A. System performance to provide continuity of thermal barrier and vapor retarder at building enclosure elements.

1.4 ENVIRONMENTAL REQUIREMENTS

- A. Install insulation adhesives in accordance with manufacturer's instructions.

2 PART 2 PRODUCTS

2.1 INSULATION MATERIALS

- A. Sound Attenuation Batt Insulation: ASTM C 665, Type I & ASTM E 136, preformed glass fiber batt, conforming to the following:
 - 1. Sound Transmission Class:
 - a. Interior Walls: 3 ½" as required to match Partition STC requirements within the drawings.
 - 2. Facing: Unfaced.

2.2 ADHESIVES

- A. Adhesive: Type recommended by insulation manufacturer for application.

2.3 ACCESSORIES

- A. Vapor Retarder: 6 Mil poly vapor retarder
- B. Tape: Polyester self-adhering type

3 PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Verify that substrate, adjacent materials, and insulation boards are dry and ready to receive insulation and adhesive.

3.2 INSTALLATION - BATT INSULATION

- A. Install insulation, ventilation baffles and vapor retarder in accordance with insulation manufacturer's instructions.
- B. Install in exterior walls and ceiling spaces without gaps or voids.
- C. Fit insulation tight in spaces. Leave no gaps or voids.
- D. Install friction fit insulation tight to framing members, completely filling prepared spaces.
- E. Place vapor retarder on warm side of insulation by securing in place. Extend vapor retarder tight to full perimeter of adjacent window and door frames and other items interrupting the plane of membrane. Tape seal in place.

END OF SECTION