

SECTION 07 21 00 - THERMAL INSULATION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes but is not limited to:
 - 1. Glass-fiber blanket insulation.
 - 2. Vapor retarder repair.

1.3 SUBMITTALS

- A. Product Data: For each type of product indicated:

PART 2 - PRODUCTS

2.1 GLASS-FIBER BLANKET INSULATION

- A. Unfaced, Glass-Fiber Blanket Insulation: ASTM C 665, Type I; with maximum flame-spread and smoke-developed indexes of 25 and 50, respectively, per ASTM E 84; passing ASTM E 136 for combustion characteristics.

2.2 WALL VAPOR RETARDER

- A. Match existing membrane.
- B. Compatible tape to repair existing membrane as required.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

- A. Comply with insulation manufacturer's written instructions applicable to products and applications indicated.

- B. Install insulation that is undamaged, dry, and unsoiled and that has not been left exposed to ice, rain, or snow at any time.

3.2 INSTALLATION OF BATT INSULATION

- A. Apply insulation units to substrates by method indicated, complying with manufacturer's written instructions. If no specific method is indicated, bond units to substrate with adhesive or use mechanical anchorage to provide permanent placement and support of units.
- B. Glass-Fiber: Install in cavities formed by framing members.

3.3 EXISTING VAPOR RETARDER

- A. Repair existing vapor retarder at new opening. Tape free edges to framing. Patch holes, rips or tears.

END OF SECTION 07 21 00