

SECTION 07213 - BOARD INSULATION AND BATT INSULATION

07213.0100 GENERAL

1. The work under this section is subject to all applicable provisions of the "Bidding Requirements", the "Conditions of the Contract", "Contract Forms" and Division 1 - "General Requirements" which form a part hereof whether attached hereto or not.

07213.0200 WORK INCLUDED

1. Include all labor, materials and appliances and perform all operations in connection with the installation of all rigid insulation and batt insulation and related work, complete, in strict accordance with the Contract Drawings and as herein specified, or reasonably implied.
 - a. Blanket and batt, type insulation (R-11 in 4" walls and R-19 in 6" walls at all interior walls within the facility, R-30 at attic roof framing).
 - b. 2" rigid insulation at inside face of interior walls between metal furring where indicated on plans.
 - c. 2" Rigid insulation at masonry cavity walls.
 - d. 2" Rigid insulation at inside face of all foundation walls and extending 24" minimum into interior building area under slabs, typical all areas.

07213.0300 SHOP DRAWINGS

1. Submit product literature for approval of the following items herein specified in accordance with the requirements of the Supplementary General Conditions.

07213.0400 SAMPLES

1. Submit for approval in accordance with the requirements of the Supplementary General Conditions, samples of all materials herein specified as requested by the Architect and as follows:
 - a. Insulations.

07213.0500 GUARANTEE

1. The Contractor shall and hereby does guarantee all workmanship and materials entering into this Section of the specifications to be free of all leaks and other defects for a period of five years. Should any defects in the work develop within the five year period, the Contractor shall and hereby does agree to repair such defective work and to make all repairs to work of others damaged in correcting the defective work, and further, he agrees to and shall repair or replace work of others damaged by leaks in his

defective work without additional cost to the Owner. All repairs shall be made within five (5) days after notice to the Contractor. Such guarantee shall be made in writing to the Owner and transmitted to the Architect.

07213.0600 MATERIALS

1. General: Materials shall be delivered in unbroken containers, stored and handled so as to prevent inclusion of foreign substances and damage by water or breakage. All manufactured materials shall bear the manufacturer's labels. All materials shall be the product of one manufacturer.
2. All bat insulation shall be either mineral wool or fiberglass batts with vapor barrier of a width to fit between framing. Vapor barrier to warm side.
3. Rigid insulation shall be 2" thick Dow Styrofoam SM Brand rigid insulation with aged R-value of 10 in accordance with ASTM C518. Insulation board shall meet Physical Property Requirements of Federal Spec. HH-1-524C, Type IV, and ASTM C578, Type IV.

07213.0700 PRELIMINARY INSPECTION

1. Before starting work, carefully examine surfaces on which work of this Section is dependent. Check and verify lines, elevations, contours, and general condition of preliminary work. Any defects in surfaces to which materials of this Section are to be applied must first be corrected. Report any unsatisfactory conditions to the Architect before starting work, and do not commence work until so directed by the Architect. Start of installation will be considered acceptance of preceding work and acceptance of responsibility for correcting defects.

07213.0800 COOPERATION

1. Coordinate work of this section with work of contiguous trades under this and other Contracts. Flashings built into masonry shall be formed in advance so as not to delay work.

* * * * *