SECTION 07230
PERIMETER AND UNDERSLAB INSULATION

PART 1 - GENERAL

1.1 SUMMARY:

A. Section Includes:
   1. Perimeter insulation on inside face of foundation.
   2. Underslab insulation.

B. Related Work:
   1. Section 07210 - Building Insulation: Rigid, safing and batt insulation.

1.2 REFERENCES:


1.3 SUBMITTALS:

A. Submit samples of each material or product to be used.
B. Certification of compliance with ASTM C578.

1.4 WARRANTY:

A. Manufacturer's standard 15 year thermal warranty.

PART 2 - PRODUCTS

2.1 MANUFACTURERS:

A. Dow Chemical Co. "Styrofoam SM".
B. U.C. Industries "Foamular 250".
C. Approved substitute.

2.2 MATERIALS:

A. Perimeter and General Underslab Insulation: Rigid, closed-cell, extruded polystyrene board insulation complying ASTM C578, Type IV.
B. Provide adhesive of type recommended by the insulation manufacturer, and complying with fire-resistance requirements.

C. R = 10 minimum.

PART 3 - EXECUTION

3.1 INSTALLATION:

A. Install perimeter insulation in one 2” layer against inside or outside face of exterior perimeter foundation walls. Extend insulation vertically full height of occupied underground portion of structure. Extend insulation vertically not less than 4 feet below finished grade level at other locations.

B. Install underslab insulation at slab-on-grade areas (2” deep) from perimeter wall to 4 feet inside of perimeter wall.

UNDERSLAB INSULATION IS PREFERRED.

END OF SECTION 07230