

SECTION 07210 - BUILDING INSULATION

A. SUMMARY

1. Insulation Applications:
 - a. Insulation under slabs-on-grade.
 - b. Foundation wall insulation (supporting backfill).
 - c. Cavity wall insulation.
 - d. Concealed building insulation.
 - e. Exposed building insulation.
 - f. Loose-fill building insulation.
 - g. Masonry cell insulation.
2. Radiant barriers.
3. Safing insulation for fire containment.

B. MATERIALS

1. Insulation:
 - a. Extruded-polystyrene board.
 - b. Extruded-polystyrene drainage panels.
 - c. Molded-polystyrene board.
 - d. Polyisocyanurate board.
 - e. Cellular glass.
 - f. Unfaced, flexible glass-fiber board.
 - g. Foil-faced, flexible glass-fiber board.
 - h. Unfaced, glass-fiber board.
 - i. Foil-faced, glass-fiber board.
 - j. Glass-mat-faced, glass-fiber board.
 - k. Unfaced, slag-wool-/rock-wool-fiber board.
 - l. Foil-faced, slag-wool-/rock-wool-fiber board.
 - m. Unfaced mineral-fiber blanket.
 - n. Faced mineral-fiber blanket.
 - o. Perlite loose-fill.
 - p. Cellulosic-fiber loose-fill.
 - q. Glass-fiber loose-fill.
 - r. Self-supported, spray-applied, cellulosic.
2. Radiant Barriers: [**Low-emissivity coating**] [**Foil-polymer laminate**] [**Foil-scrim-polyethylene laminate**].
3. Vapor Retarders: [**Polyethylene**] [**Reinforced-polyethylene**] [**Fire-retardant, reinforced-polyethylene**] [**Foil-polyester film**].
4. Protection board.

5. Eave ventilation troughs.

END OF SECTION 07210