

**STYROFOAM CAVITYMATE Ultra Brand Insulation/STYROFOAM PERIMATE Brand Insulation
CLOSED SPECIFICATION — U.S.(EXAMPLE)**

SECTION 07210

BUILDING INSULATION

- A. **Available Manufacturers:** Subject to compliance with requirements, manufacturers offering insulation products that may be incorporated in the work include, but are not limited to, the following:
- B. **Manufacturers:** Subject to compliance with requirements, provide insulation products by one of the following:
1. Extruded-Polystyrene Board Insulation:
 - a) STYROFOAM* CAVITYMATE* Ultra Brand Insulation from The Dow Chemical Company.
 2. Extruded-Polystyrene Drainage Panels:
 - a) STYROFOAM* PERIMATE* Brand Insulation from The Dow Chemical Company.

2.02 INSULATING MATERIALS

- A. **General:** Provide insulating materials that comply with requirements and with referred standards:
1. Preformed Units: Sizes to fit applications indicated; selected from manufacturer's standard thicknesses, widths, and lengths.
- B. **Extruded-Polystyrene Board Insulation:** Rigid, cellular polystyrene thermal insulation formed from polystyrene base resin by an extrusion process using hydrochlorofluorocarbons as blowing agent to comply with ASTM C578 for type and with other requirements indicated below:
1. Type IV, 1.60-1b/cu. ft. (26-kg/cu.m) minimum density, unless otherwise indicated.
 2. Thermal Resistance: R-12; 5-year aged R-value of 6.0 and 5.6 min. F-ft²/BTU at 40°F and 70°F, respectively.
 3. Thickness: Nominal 2".
- C. **Extruded Polystyrene Drainage Panels:** Cellular polystyrene thermal insulation formed by an expansion of polystyrene base resin in an extrusion process using hydrochlorofluorocarbons as blowing agent to comply with ASTM C578 for type indicated below. Provide products fabricated with shiplapped edges and with one face side having a matrix of vertical drainage channels.
1. Type IV, 1.60-1b/cu. ft. (26-kg/cu.m) minimum density.

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