

## **DIVISION 7 - THERMAL AND MOISTURE PROTECTION**

### **Section 07240 - Exterior Insulation and Finish Systems**

#### **Introduction**

Use only Type PM (mechanically attached) systems. Use Type PB (adhesive applied) systems only with specific permission of the Project Coordinator.

Consider alternative exterior cladding systems in areas where the finish may be subject to physical abuse.

Indicate all required expansion, control, and design joints on the drawings.

#### **Part 1 - General**

- Require that all materials manufacturer(s) and applicator(s) demonstrate 5 years of successful installation of similar systems.
- Require that applicators be approved and licensed by the materials manufacturer. Use an approved applicator system as a test for manufacturer approval.
- Specify a special 5 year guarantee against defects in materials and installation; including attachment failure, delamination, cracking, peeling, and fading.
- Require mock-up.

#### **Part 2 - Products**

- Require that all materials be supplied by a single manufacturer, or approved by the primary materials manufacturer, to ensure single-point responsibility for the installation and warranty.
- Specify only extruded polystyrene insulation board, with Class A flame spread and smoke developed characteristics.
- Specify only acrylic-modified Portland cement adhesive and base coat.
- When required, specify only 100% acrylic, integrally colored finish coat, without the need for additional pigmented coatings.
- Where the system will be exposed to potential physical abuse, specify only manufacturers standard "high impact" components.
- Show control joint and expansion joint locations or require submittal of same.

#### **Part 3 - Execution**

- Specifically require the system to be installed in accordance with the manufacturer's recommendations.
- Require the applicators to maintain a "wet edge" until a natural break point is achieved. Expressly prohibit scaffold lines and cold joints.

#### **End of Section 07240**