

## PART 2 PRODUCTS

### 2.01 MANUFACTURERS

- A. Insulated Metal Wall Panels:
  - 1. ATAS International, Inc.
  - 2. Kingspan Insulated Panels.
  - 3. Metl-Span, a Division of NCI Group, Inc.
  - 4. Substitutions: See Section 01 6000 - Product Requirements.

### 2.02 PANEL SYSTEM

- A. Basis of design: Kingspan KS series Wall Panel.
- A. Insulated Metal Panel System: Factory-assembled metal panel system, with trim, related flashings and accessory components.
  - 1. Provide positive drainage to exterior for moisture entering or condensation occurring within panel system.
  - 2. Accommodate tolerances of building structural framing.
- B. Performance Requirements:
  - 1. Thermal Performance: Provide thermal resistance through entire system; R-8 per inch.
  - 2. Fire Resistance: Class 1 fire rated, without height limitation, when tested in accordance with FM 4880.
  - 3. Movement: Accommodate the movement caused by the following without damage to system, components, or deterioration of seals:
    - a. Normal movement between system components.
    - b. Seasonal temperature cycling.
    - c. Deflection of structural support framing,

### 2.03 PANELS AND TRIM

- A. Wall Panels: Exterior and interior metal sheet skin, factory-assembled, with foamed in place insulation: exterior and interior sheet interlocking at edges, fitted with continuous gaskets.
  - 1. Profile: as indicated; vertical panels.
  - 2. Panel Thickness: to attain R-32 value.
  - 3. Exterior Sheet: 24 gauge, stucco embossed.
  - 4. Interior Sheet: 26 gauge.
  - 5. Panel Edge Profile: Tongue and groove, for flush seam.
  - 6. Exterior Finish: Class I, color to be selected.
  - 7. Interior Finish: natural.