

## SECTION 07412 - MANUFACTURED WALL PANELS

## A. SUMMARY

1. Metal wall panels with [**exposed**] [**concealed**] fasteners.
2. Field-assembled, insulated wall panels with concealed fasteners.
3. Factory-assembled, insulated wall panels with gasketed seams.
4. Formed wall panels with [**exposed**] [**concealed**] fasteners.

## B. QUALITY ASSURANCE

1. Fire-resistance-rated assemblies.
2. Mockups for each form of construction and finish.

## C. WARRANTY

1. Finish: 20 years.

## D. MATERIALS

1. Metallic-Coated Steel Sheet Coil Coated:
  - a. Material: [**Galvanized**] [**Aluminum-zinc alloy-coated**] [**Aluminum coated**].
  - b. Exterior Panel Finish: [**Fluoropolymer two-coat coating**] [**Siliconized polyester**] [**Acrylic enamel**].
  - c. Interior Panel Finish: [**Siliconized polyester**] [**Acrylic enamel**] [**Prime coat for field painting**].
2. Aluminum:
  - a. Exterior Panel Finish: [**Fluoropolymer two-coat coating**] [**Fluoropolymer three-coat coating**] [**Siliconized polyester**] [**Acrylic enamel**].
  - b. Interior Panel Finish: [**Siliconized polyester**] [**Acrylic enamel**] [**Prime coat for field painting**].
3. Stainless Steel: [**2D (dull)**] [**2B (bright)**] finish.
4. Wall Panel Assemblies:
  - a. Exterior Panels: [**Steel**] [**Aluminum**] [**Stainless steel**].
  - b. Interior Panels: [**Steel**] [**Aluminum**] [**Stainless steel**].
5. Insulated Wall Panel Core:

- a. Honeycomb core.
  - b. Poured-in-place polyisocyanurate foam.
  - c. Polyisocyanurate board insulation.
  - d. Extruded-polystyrene board insulation.
  - e. Molded-polystyrene board insulation.
  - f. Glass-fiberboard insulation.
6. Blanket Insulation: [**Glass fiber with facing**] [**Mineral fiber**].
  7. Backer Board: [**Laminated hardboard**] [**Plywood**].
  8. Type X gypsum board for fire-rated assemblies.
  9. Secondary Framing: [**Girts**] [**Flange and sag bracing**] [**Base or sill angles**].

END OF SECTION 07412