

SECTION 07 42 13 {07468}

METAL WALL PANELS

{METAL SIDING}

This section includes profiled shop painted metal siding, site assembled, insulated when required, with or without metal backing sheet; horizontal or vertical profile; applied to structural framing system. Metal siding systems are manufactured in wide variety of materials, finishes, accessories, panel and joint configurations and installation methods. This section provides basic outline for comprehensive metal siding system section.

Refer to Section 07 42 43 {07430} for composite shop assembled siding system.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcat.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes preformed metal siding system for walls, [and soffits,] with [insulation,] [liners,] related flashings and accessory components.
 - 1. Provide building paper back-up over [wood] [gypsum] sheathed walls.
- B. Related Sections:
 - 1. Section 05 12 00 - Structural Steel Framing: Structural steel building frame.
 - 2. Section 05 40 00 - Cold-Formed Metal Framing: Stud wall framing system.

Delete the following paragraph when building paper is specified in this section.

- 3. Section 06 10 00 - Rough Carpentry: Building paper back-up.
- 4. Section 07 21 13 - Board Insulation.
- 5. Section 07 21 16 - Blanket Insulation.
- 6. Section 07 26 00 - Vapor Retarders Vapor Retarders.
- 7. Section 07 27 00 - Air Barriers.
- 8. Section 07 42 43 - Composite Wall Panels.

9. Section 07 62 00 - Sheet Metal Flashing and Trim [including] [metal cap flashing over metal siding] [metal coping].
10. Section 07 84 00 - Firestopping.
11. Section 08 51 13 - Aluminum Windows.
12. Section 13 34 19 - Metal Building Systems: Building framing system.

C. Related Sections:

1. Section 05120 - Structural Steel: Structural steel building frame.
2. Section 05400 - Cold-Formed Metal Framing: Stud wall framing system.

Delete the following paragraph when building paper is specified in this section.

3. Section 06112 - Framing and Sheathing: Building paper back-up.
4. Section 07212 - Board Insulation.
5. Section 07213 - Batt Insulation.
6. Section 07260 - Vapor Retarders.
7. Section 07270 - Air Barriers.
8. Section 07430 - Composite Panels.
9. Section 07620 - Sheet Metal Flashing and Trim [including] [metal cap flashing over metal siding] [metal coping].
10. Section 07840 - Firestopping.
11. Section 08520 - Aluminum Windows.
12. Section 13121 - Pre-Engineered Buildings: Building framing system.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

A. American Society of Civil Engineers:

1. ASCE 7 - Minimum Design Loads for Buildings and Other Structures.

B. ASTM International:

1. ASTM A666 - Standard Specification for Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar.
2. ASTM A755/A755M - Standard Specification for Steel Sheet, Metallic Coated by the Hot-Dip Process and Prepainted by the Coil-Coating Process for Exterior Exposed Building Products.
3. ASTM A792/A792M - Standard Specification for Steel Sheet, 55% Aluminum-Zinc Alloy-Coated by the Hot-Dip Process.
4. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate.
5. ASTM B209M - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate (Metric).
6. ASTM C665 - Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing.
7. ASTM D226 - Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.