

SECTION 05 31 13 {05311}

STEEL FLOOR DECKING

{STEEL FLOOR DECK}

This section includes structural metal floor deck, shop formed, cellular or non-cellular, plain or ribbed, including miscellaneous accessories. Steel roof deck is specified in SPECTEXT Section 05 31 13 {05311}.

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.arcats.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:

1. Steel floor deck and accessories.
2. Formed steel [deck end forms to contain wet concrete] [_____].

In the following paragraph, coordinate framing of floor deck openings more than 18 inches (450 mm) with specific floor framing specification section.

3. Framing for openings up to and including [18] [_____] inches ([450] [_____] mm).

Following paragraph describes bearing devices usually provided in structural steel, steel joist, or metal fabrications section. Delete when specified in one of these other sections.

4. Bearing plates and angles.
5. [Shear stud connectors.]

B. Related Sections:

1. Section 03 20 00 - Concrete Reinforcing.
2. Section [03 30 00 - Cast-In-Place Concrete:] [Section [_____-_____]:] Concrete topping over metal floor deck.

Coordinate deck opening support specified in this section with opening support specified in other sections

3. Section 05 12 00 - Structural Steel Framing: Support framing for deck openings [and shear stud connectors].
4. Section 05 21 00 - Steel Joist Framing: Support framing for deck openings [and shear stud connectors].
5. Section 05 31 23 - Steel Roof Decking.
6. Section [_____-_____]: Reinforcement pans with floor drain hub assemblies.

List sections specifying installation of products included in this section. Indicate specific items.

7. Section [_____-_____]: Placement of anchors for bearing [plates] [and] [angles] embedded in masonry.
8. Section [_____-_____]: Electrical, telephone, and [_____] floor outlets, sleeves, gaskets, raceway and covers.
9. Section [_____-_____]: Placement of anchors for bearing Section [07 81 00 - Applied Fireproofing:] Spray applied fireproofing.
10. [plates] [and] [angles] cast in concrete.

C. Related Sections:

1. Section 03200 - Concrete Reinforcement.
2. Section [03300 - Cast-in-Place Concrete:] [Section [_____-_____]:] Concrete topping over metal floor deck.

Coordinate deck opening support specified in this section with opening support specified in other sections

3. Section 05120 - Structural Steel: Support framing for deck openings [and shear stud connectors].
4. Section 05210 - Steel Joists: Support framing for deck openings [and shear stud connectors].
5. Section 05312 - Steel Roof Deck.
6. Section [_____-_____]: Reinforcement pans with floor drain hub assemblies.
7. Section [07810 - Applied Fireproofing:] Spray applied fireproofing.

List sections specifying installation of products included in this section. Indicate specific items.

8. Section [_____-_____]: Electrical, telephone, and [_____] floor outlets, sleeves, gaskets, raceway and covers.
9. Section [_____-_____]: Placement of anchors for bearing [plates] [and] [angles] cast in concrete.
10. Section [_____-_____]: Placement of anchors for bearing [plates] [and] [angles] embedded in masonry.