

SECTION 04 20 16 {04820}

REINFORCED UNIT MASONRY

{REINFORCED UNIT MASONRY ASSEMBLIES}

This section includes steel reinforced, structural and load bearing masonry, usually with high slump grout or concrete filled cores, cavities, and horizontal bond beams and lintels.

For composite masonry section with more than one masonry system, consider using Section 04 20 00 {04810}.

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.arcata.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 [facing brick] [hollow brick] [clay tile] [concrete masonry] [_____] units; firebrick, clay flue lining, reinforcement, anchorage, and accessories; and [parged masonry surfaces].
- B. Related Sections:
 - 1. Section 04 01 00 - Maintenance of Masonry.
 - 2. Section 04 05 03 - Masonry Mortaring and Grouting: Mortar and grout.
 - 3. Section 04 23 00 - Glass Unit Masonry.
 - 4. Section 04 25 00 - Unit Masonry Panels.
 - 5. Section 04 42 13 - Masonry-Supported Stone Cladding: Stone bonded to masonry.
 - 6. Section 05 12 00 - Structural Steel Framing: Product requirements for steel anchors for [_____] for placement by this section.
 - 7. Section 05 21 00 - Steel Joist Framing: Product requirements for steel bearing pads for joists for placement by this section.
 - 8. Section 05 50 00 - Metal Fabrications: Product requirements for [loose steel lintels,] [fabricated steel items,] [and] [_____] for placement by this section.
 - 9. Section 07 11 00 - Dampproofing: Dampproofing [parged] masonry surfaces.

10. Section 07 26 00 - Vapor Retarders: Vapor retarder membrane placed [on interior face of wall insulation.] [_____.]
11. Section 07 27 00 - Air Barriers: Air barrier placed [on interior face of wall insulation.] [_____.]
12. Section 07 62 00 - Sheet Metal Flashing and Trim: Product requirements for reglets for flashings for placement by this section.
13. Section 07 84 00 - Firestopping: Firestopping at penetrations of masonry work.
14. Section 07 90 00 - Joint Protection: Rod and sealant at [control] [and] [expansion] joints.
15. Section [_____-_____]: Execution requirements for special anchors specified by this section.
16. Section [_____-_____]: Product requirements for precast concrete [connections] [dovetail slots] [_____] for placement by this section.
17. Section [_____-_____]: Product requirements for window anchors for placement by this section.
18. Section [_____-_____]: Fireplace and chimney flue accessories.
19. Section [_____-_____]: Product requirements for fabricated steel items for placement by this section.

C. Related Sections:

1. Section [_____-_____]: Execution requirements for special anchors specified by this section.
2. Section [_____-_____]: Product requirements for precast concrete [connections] [dovetail slots] [_____] for placement by this section.
3. Section 04065 - Masonry Mortar and Grout: Mortar and grout.
4. Section 04812 - Glass Masonry Assemblies.
5. Section 04840 - Prefabricated Masonry Panels.
6. Section 04853 - Mortar-Placed Stone Assemblies: Stone bonded to masonry.
7. Section 04900 - Masonry Restoration and Cleaning.
8. Section 05120 - Structural Steel: Product requirements for steel anchors for [_____] for placement by this section.
9. Section 05210 - Steel Joists: Product requirements for steel bearing pads for joists for placement by this section.
10. Section 05500 - Metal Fabrications: Product requirements for [loose steel lintels,] [fabricated steel items,] [and] [_____] for placement by this section.
11. Section [_____-_____]: Product requirements for fabricated steel items for placement by this section.
12. Section 07110 - Dampproofing: Dampproofing [parged] masonry surfaces.
13. Section 07260 - Vapor Retarders: Vapor retarder membrane placed [on interior face of wall insulation.] [_____.]
14. Section 07270 - Air Barriers: Air barrier placed [on interior face of wall insulation.] [_____.]
15. Section 07620 - Sheet Metal Flashing and Trim: Product requirements for reglets for flashings for placement by this section.
16. Section 07840 - Firestopping: Firestopping at penetrations of masonry work.
17. Section 07900 - Joint Sealers: Rod and sealant at [control] [and] [expansion] joints.
18. Section [_____-_____]: Product requirements for window anchors for placement by this section.
19. Section [_____-_____]: Fireplace and chimney flue accessories.