

SECTION 04085

MASONRY ANCHORS AND ACCESSORIES

1 PART 1 GENERAL

1.1 SECTION INCLUDES

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NOTE: Delete items below not required for project.

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- A. Masonry veneer anchors and ties.
- B. Stone veneer anchors and ties.
- C. Masonry accessories.

1.2 RELATED SECTIONS

- A. Section 04810 - Unit Masonry Assemblies.
- B. Section 04851 - Cut Stone Veneer.
- C. Section 04852 - Stone Masonry Veneer.

1.3 REFERENCES

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NOTE: Delete references from the list below that are not actually required by the text of the edited section.

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- A. ASCE/ACI 530.1 Specifications for Masonry Structures; 1995.
- B. ASTM A 153/A 153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 1998.
- C. ASTM A 167 - Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip; 1996.
- D. ASTM A 240/A 240M - Standard Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels; 1998b.
- E. ASTM A 276 - Standard Specification for Stainless Steel Bars and Shapes; 1998b.
- F. ASTM A 479/A 479M - Standard Specification for Stainless and Heat-Resisting Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels; 1997a.
- G. ASTM A 580/A 580M - Standard Specification for Stainless Steel Wire; 1998.

- H. ASTM A 653/A 653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 1998.
- I. ASTM B 633 Standard Specification for Electrodeposited Coatings of Zinc on Iron and Steel; (Reapproved 1994).

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's data on each type of product furnished.

2 PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer:  
  
Heckmann Building Products Inc.,  
1501 N. 31st Avenue  
Melrose Park, IL 60160.  
Tel: (708) 865-2403 Fax: 708-865-2640  
Email: Heckmann@worldnet.att.net.  
Website: [www.heckmannbuildingprods.com](http://www.heckmannbuildingprods.com).

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NOTE: Delete paragraph below; coordinate with Division 1 requirements.  
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- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.
- C. Substitutions: Not permitted.

2.2 APPLICATIONS

- A. Provide anchoring systems that comply with ACI 530.1/ASCE 6/TMS 602.

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NOTE: Delete the following items not needed for your project  
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B. Products.

- 1. NO. 251 Z-WIRE WALL TIE  
[3/16 inch (4.76 mm)][1/4 inch (6.35 mm)] diameter x [length] x 2 inch (51 mm) bends.
- 2. NO. 253 RECTANGULAR WIRE WALL TIE  
[3/16 inch (4.76 mm)][1/4 inch (6.35 mm)] diameter x [length] x [width].
- 3. NO. 260 CORRUGATED WALL TIE  
[gage] x [width] x [length]

4. NO. 268 METAL LATH WALL TIE  
[3.4 lb galvanized lath][2.5 painted lath] x [length] x [width]
5. NO. 269 WIRE MESH WALL TIE  
2 x 2 (1/2 inch (12 mm)) 16 gage hotdip galvanized wire x [length] x [width]
6. 186 BRICK VENEER ANCHOR (NO HOLE)  
[gage] x [width] x [length] x [bend length]
7. 187 HOLE-TYPE BRICK VENEER ANCHOR  
[gage] x [width] x [length] x [bend length]
8. 188 SLOTTED TYPE BRICK VENEER ANCHOR  
[gage] x [width] x [length] x [bend length]

## 2.3 MATERIALS

### A. Steel Types

1. Stainless Steel: Type 304.
  - a. Sheet Metal: ASTM A 167 or ASTM A 240/A 240M.
  - b. Wire: ASTM A 580/A 580M.
  - c. Bars: ASTM A 479/A 479M, annealed and ground.
  - d. Plates, Bars, and Shapes: ASTM A 167 or ASTM A 276.
2. Hot-Dip Galvanized Steel: Hot-dip galvanized after fabrication in accordance with ASTM A 153/A 153M, Class B-2.
3. Mill Galvanized Steel:
  - a. Sheet Metal: ASTM A 653/A 653M, G60 coating.
  - b. Wire: ASTM A 641, regular coating; minimum 3/16 inch (4.76 mm) diameter.

## 3 PART 3 EXECUTION

### 3.1 INSTALLATION

- A. Install as specified in applicable masonry section(s) and in accordance with manufacturer's instructions.

...END OF SECTION