

SECTION 03 45 00 {03450}

PRECAST ARCHITECTURAL CONCRETE

{PLANT-PRECAST ARCHITECTURAL CONCRETE}

This section includes plant cast architecturally finished concrete wall panels; this Section can be edited to include decorative units and horizontal pavers. Units are usually non-load bearing; with supports, anchors, and attachments.

Sealant joint treatment is included in this Section by reference to SPECTEXT Section 07 90 00 {07900}. Integral insulation is included by generic description in this Section and by reference to SPECTEXT Section 07 21 13 {07212}.

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 architectural precast concrete for:

Edit the following list for Project conditions.

1. Wall panels [with integral insulation].
2. Pavers [and paver pedestals].
3. Sills.
4. Planters.
5. [_____].
6. Supports, anchors, and attachments.
7. Perimeter joint seals.
8. Intermediate joint seals.
9. Grouting under panels.

B. Related Sections:

1. Section 03 30 00 - Cast-In-Place Concrete: Building structural frame.
***** [OR] *****
2. Section 03 38 00 - Post-Tensioned Concrete: Building structural frame.
***** [OR] *****
3. Section 03 41 00 - Precast Structural Concrete: Building structural frame.
***** [OR] *****
4. Section 03 41 13 - Precast Concrete Hollow Core Planks: Building structural floor system.
***** [OR] *****
5. Section 03 47 13 - Tilt-Up Concrete: Building structural frame.
6. Section 05 12 00 - Structural Steel Framing: Building structural frame.
7. Section 07 84 00 - Firestopping: [[Fire] [Smoke] barrier] [Air] seal between precast unit and edge of floor slab.

Include the following paragraph when perimeter joint seals are described in related section.

8. Section 07 90 00 - Joint Protection: Perimeter joints with sealant and backing.
9. Section [_____-_____]: Surface reglets and metal flashings attached to precast units.
10. Section [_____-_____]: Substrate surface to receive pavers.
11. Section [_____-_____]: Supporting masonry.
12. Section [_____-_____]: Metal flashings to fit recessed reglets in precast units.
13. Section [_____-_____]: Windows [and glass] site installed in precast units.

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

14. Section [_____-_____]: Placement of anchors for [embedding into] [placing in] [welding to] building structural components.

List sections specifying products installed in this section and indicate specific items.

15. Section [_____-_____]: Supply of window units [and glass] for placement by this Section.
16. Section [_____-_____]: Supply of flashing reglets for placement by this Section.

C. Related Sections:

1. Section 03300 - Cast-in-Place Concrete: Building structural frame.
***** [OR] *****
2. Section 03380 - Post-Tensioned Concrete: Building structural frame.
***** [OR] *****
3. Section 03410 - Plant-Precast Structural Concrete: Building structural frame.