

SECTION 03 49 00 {03490}

GLASS-FIBER-REINFORCED CONCRETE

{GLASS-FIBER-REINFORCED PRECAST CONCRETE}

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This section includes plant cast, architecturally finished glass fiber reinforced concrete wall units with supports, anchors, and attachments. Integral insulation can be included in this section or referenced to appropriate insulation section.

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](http://www.4specs.com), ARCAT at [www.arcata.com](http://www.arcata.com), First Source at [www.reedfirstsource.com](http://www.reedfirstsource.com), SpecSource at [www.specsource.com](http://www.specsource.com), and Sweets Network at [products.construction.com](http://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](mailto:supportcenter@csrf.org) to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at [www.spectext.com](http://www.spectext.com) for current product announcements.

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PART 1 GENERAL

1.1 SUMMARY

- A. Section includes architectural precast glass fiber reinforced concrete [wall panels,] [cornices,] [and] [\_\_\_\_\_]; integral insulation; and supports, anchors, and attachments.
- B. Related Sections:
  - 1. Section 03 30 00 - Cast-In-Place Concrete: Building structural frame.
  - 2. Section 03 38 00 - Post-Tensioned Concrete: Building structural frame.
  - 3. Section 03 41 00 - Precast Structural Concrete: Building structural frame.

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Include the following paragraph where studs are part of framed structure.

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- 4. Section 05 12 00 - Structural Steel Framing: Building structural frame.
- 5. Section 05 40 00 - Cold-Formed Metal Framing: Structural stud members.
- 6. Section 07 26 00 - Vapor Retarders: Vapor seal at perimeter of units and at intersection with dissimilar materials.
- 7. Section 07 27 00 - Air Barriers: Air barrier seal at perimeter of units and at intersection with dissimilar materials.
- 8. Section 07 84 00 - Firestopping: Fire barrier seal between units and edge of floor slab.
- 9. Section 07 90 00 - Joint Protection: Application of backer rods or bond breakers and joint sealers.

- 10. Section [\_\_\_\_\_-\_\_\_\_\_]: Metal flashings to fit recessed reglets in units.
- 11. Section [\_\_\_\_\_-\_\_\_\_\_]: Back-up masonry.
- 12. Section [\_\_\_\_\_-\_\_\_\_\_]: Integral insulation.
- 13. Section [\_\_\_\_\_-\_\_\_\_\_]: Windows [and glass] site installed in units.

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

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- 14. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of anchors for [embedding into] [placing in] [welding to] building structural components specified by this Section.

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

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- 15. Section [\_\_\_\_\_-\_\_\_\_\_]: Supply of [window units [and glass]] [flashing reglets] for shop placement by this Section.
- 16. Section [\_\_\_\_\_-\_\_\_\_\_]: Metal framing for backup support for placement by this Section.

C. Related Sections:

- 1. Section 03300 - Cast-in-Place Concrete: Building structural frame.
- 2. Section 03380 - Post-Tensioned Concrete: Building structural frame.
- 3. Section 03410 - Plant-Precast Structural Concrete: Building structural frame.
- 4. Section [\_\_\_\_\_-\_\_\_\_\_]: Back-up masonry.

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Include the following paragraph where studs are part of framed structure.

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- 5. Section 05120 - Structural Steel: Building structural frame.
- 6. Section 05400 - Cold-Formed Metal Framing: Structural stud members.
- 7. Section 07260 - Vapor Retarders: Vapor seal at perimeter of units and at intersection with dissimilar materials.
- 8. Section 07270 - Air Barriers: Air barrier seal at perimeter of units and at intersection with dissimilar materials.
- 9. Section [\_\_\_\_\_-\_\_\_\_\_]: Integral insulation.
- 10. Section 07840 - Firestopping: Fire barrier seal between units and edge of floor slab.
- 11. Section [\_\_\_\_\_-\_\_\_\_\_]: Metal flashings to fit recessed reglets in units.
- 12. Section 07900 - Joint Sealers: Application of backer rods or bond breakers and joint sealers.
- 13. Section [\_\_\_\_\_-\_\_\_\_\_]: Windows [and glass] site installed in units.

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

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- 14. Section [\_\_\_\_\_-\_\_\_\_\_]: Placement of anchors for [embedding into] [placing in] [welding to] building structural components specified by this Section.

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

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