

SECTION 03 37 13 {03371}

SHOTCRETE

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This section includes concrete pneumatically-applied to contoured earth surfaces or prepared forms; with or without reinforcement or surface finishing.

This section can be edited for shotcrete used in creating art form sculptures, subgrade stabilization and protection from erosion, swimming pools, and other applications. For sculptured art work, carving and coloring or surface staining may be part of some other section of Work or can be edited into this 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.arcat.com](http://www.arcat.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 pneumatically applied concrete.
- B. Related Sections:
  - 1. Section 03 10 00 - Concrete Forming and Accessories: Prepared forms to achieve configuration, contours, and tolerances required.

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In the following paragraph, reference reinforcement only when required.

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- 2. Section 03 20 00 - Concrete Reinforcing.
- 3. Section 07 90 00 - Joint Protection.

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In the following paragraph, products may include architectural items for swimming pools.

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- 4. Section 13 11 00 - Swimming Pools: Architectural items for casting into shotcrete.

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In the following paragraph, products may include plumbing supply and drain fittings for swimming pools.

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5. Section 22 51 00 - Swimming Pool Plumbing Systems: Mechanical items for casting into shotcrete.

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When the following paragraph is used, and exact subsoil contours are required, include dimensional tolerances in related section.

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6. Section 31 23 16 - Excavation: Forming earth to achieve contours and surfaces required.

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In the following paragraph, products may include light fixture frames for swimming pools, conduit and boxes for electrical work, and copper conductors for earth ground.

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7. Section [\_\_\_\_\_-\_\_\_\_\_]: Electrical items for casting into shotcrete.

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

Products may include metal frames for access panels, hatches, or gratings.

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8. Section [\_\_\_\_\_-\_\_\_\_\_]: Supply of accessories for placement by this section.
9. Section [\_\_\_\_\_-\_\_\_\_\_]: Control [and expansion] joint devices.

### C. Related Sections:

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When the following paragraph is used, and exact subsoil contours are required, include dimensional tolerances in related section.s

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1. Section 02315 - Excavation and Fill: Forming earth to achieve contours and surfaces required.
2. Section 03100 - Concrete Forms and Accessories: Prepared forms to achieve configuration, contours, and tolerances required.

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In the following paragraph, reference reinforcement only when required.

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3. Section 03200 - Concrete Reinforcement.
4. Section [\_\_\_\_\_-\_\_\_\_\_]: Control [and expansion] joint devices.
5. Section 07900 - Joint Sealers.

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In the following paragraph, products may include architectural items for swimming pools.

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6. Section 13150 - Swimming Pools: Architectural items for casting into shotcrete.