

SECTION 03 35 00 {03350}

CONCRETE FINISHING

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This section includes surface finishing of concrete floor slabs and toppings, including special finishing sometimes encountered with slab finishing. Coordinate text of this section with Section 03 30 00 {03300} and Section 03 39 00 {03390}.

ACI 318 referenced by ICC codes for structural concrete does not address concrete finishing. ACI 302.1 is primary reference for floor and slab finishing.

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:

1. Finishing concrete floors [and floor toppings].
2. Floor surface treatment.

B. Related Sections:

1. Section 03 30 00 - Cast-In-Place Concrete: [Prepared concrete floors ready to receive finish;] [control and formed expansion and contraction joints and joint devices].
2. Section 03 35 23 - Exposed Aggregate Concrete Finishing: Exposed aggregate finish.
3. Section 03 39 00 - Concrete Curing.
4. Section 07 90 00 - Joint Protection.
5. Section 07 95 00 - Expansion Control.

C. Related Sections:

1. Section 03300 - Cast-in-Place Concrete: [Prepared concrete floors ready to receive finish;] [control and formed expansion and contraction joints and joint devices].
2. Section 03360 - Concrete Finishes: Exposed aggregate finish.
3. Section 03390 - Concrete Curing.

- 4. Section 05810 - Expansion Joint Cover Assemblies.
- 5. Section 07900 - Joint Sealers.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

- A. American Concrete Institute:
 - 1. ACI 301 - Specifications for Structural Concrete.
 - 2. ACI 302.1 - Guide for Concrete Floor and Slab Construction.
- B. ASTM International:
 - 1. ASTM E1155 - Standard Test Method for Determining Floor Flatness and of Levelness Using the F-number System.

1.3 SUBMITTALS

Only request submittals needed to verify compliance with Project requirements.

- A. Section 01 33 00 - Submittal Procedures {01330 - Submittal Procedures}: Submittal procedures.
- B. Product Data: Submit data on [concrete hardener,] [sealer,] [curing compounds] [curing papers] [and] [slip resistant treatment], compatibilities, and limitations.

1.4 SUSTAINABLE DESIGN SUBMITTALS

- A. Section 01 81 13 - Sustainable Design Requirements {01351 - Sustainable Project Requirements}: Requirements for sustainable design submittals.
- B. Manufacturer's Certificate: Certify products meet or exceed specified sustainable design requirements.

Edit material certifications list to suit products specified in this section and Project sustainable design requirements. Specific certificate submittal and supporting data requirements are specified in Section 01 81 13 {01351}.

- 1. Materials Resources Certificates:
 - a. Certify recycled material content for recycled content products.
 - b. Certify source for local and regional materials and distance from Project site.
- C. Product Cost Data: Submit cost of products to verify compliance with Project sustainable design requirements. Exclude cost of labor and equipment to install products.
 - 1. Provide cost data for the following products: