

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

SECTION 03 35 19 – COLORED AND PATTERNED CONCRETE FINISHES

PART 1 GENERAL

1.1 ADMINISTRATIVE REQUIREMENTS

- A. Pre-Installation Conference:
 - 1. Attendance: [Architect,] [Owner,] [Contractor,] [Construction Manager,] installer, and related trades.
 - 2. Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.

1.2 SUBMITTALS

- A. Action Submittals:
 - 1. Product Data: Manufacturer's descriptive data and product attributes for each product.
 - 2. Samples: [Selection samples.] [Verification samples.]

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum [5] [] years' experience in work of this Section.
- B. Mockups: Minimum [4 x 4] [x] feet. Show each concrete color and finish.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Contract Documents are based on products by Solomon Colors, Inc.
www.solomoncolors.com

B. Substitutions: [Refer to Division 01.] [Not permitted.]

2.2 MATERIALS

A. Concrete Materials: Specified in Section [03 30 00.] [__ __ __.]

B. Color Pigment:

1. Source: Iron Oxide Pigment by Solomon Colors, Inc. www.solomoncolors.com
2. Description: Iron oxide concrete pigment meeting ASTM C979/C979M; light-fast, insoluble, and alkali resistant, in powdered, liquid, or granular form.
3. Color: [____.] [To be selected from manufacturer's full color range.]

C. Color Pigment:

1. Source: 908 Carbon Black by Solomon Colors, Inc. www.solomoncolors.com
2. Description: Carbon black in dry or liquid form.

D. Color Pigment:

1. Source: Brickform Powdered Integral Color by Solomon Colors, Inc. www.solomoncolors.com
2. Description: Ultraviolet stable powdered integral concrete color meeting ASTM C979/C979M.
3. Color: [____.] [To be selected from manufacturer's full color range.]

E. Color Hardener:

1. Source: Brickform Color Hardener by Solomon Colors, Inc. www.solomoncolors.com
2. Description: Surface-applied ultraviolet-resistant color concrete hardener.
3. Color: [____.] [To be selected from manufacturer's full color range.]

F. Cementitious Coating:

1. Source: Brickform Cem-Coat by Solomon Colors, Inc. www.solomoncolors.com
2. Description: Cementitious coating producing opaque, mildew and ultraviolet resistant finish.
3. Color: [____.] [To be selected from manufacturer's full color range.]

G. Concrete Stain:

1. Source: Brickform ARTesian Stain by Solomon Colors, Inc. www.solomoncolors.com
2. Description: Water-based concrete stain.
3. VOC content: Zero.
4. Color: [____.] [To be selected from manufacturer's full color range.]

- H. Concrete Stain:
1. Source: Brickform Blush-Tone Acid Stain by Solomon Colors, Inc. www.solomoncolors.com
 2. Description: Chemically-reactive acid concrete stain.
 3. Color: [____.] [To be selected from manufacturer's full color range.]
- I. Concrete Dye:
1. Source: Brickform Pro-Dye Plus by Solomon Colors, Inc. www.solomoncolors.com
 2. Description: Water, alcohol, or acetone-diluted translucent concrete dye.
 3. Color: [____.] [To be selected from manufacturer's full color range.]
- J. Concrete Stain:
1. Source: Brickform Refresh by Solomon Colors, Inc. www.solomoncolors.com
 2. Description: Solvent-based, penetrating polysiloxane concrete stain.
 3. Color: [____.] [To be selected from manufacturer's full color range.]
- K. Antiquing Agent:
1. Source: Brickform Antique-It by Solomon Colors, Inc. www.solomoncolors.com
 2. Color: [____.] [To be selected from manufacturer's full color range.]
- L. Concrete Sealer:
1. Source: Brickform [_____] by Solomon Colors, Inc. www.solomoncolors.com
 2. Description: [Water] [Solvent] based, [high] [medium] [low] [satin] sheen.
- M. Bondbreaker:
1. Source: Brickform Antique Release by Solomon Colors, Inc. www.solomoncolors.com
 2. Description: Colored release agent.
 3. Color: [____.] [To be selected from manufacturer's full color range.]
- N. Bondbreaker:
1. Source: Brickform Liquid Release by Solomon Colors, Inc. www.solomoncolors.com
 2. Description: Non-pigmented release agent.

Retain the following for a surface retarded finish aka exposed aggregate or sand finish.

- O. Surface Retarder:
1. Source: Brickform Select-Etch by Solomon Colors, Inc. www.solomoncolors.com

2. Description: Water based, surface-applied, temporary water retention barrier and curing agent.
3. Exposure depth: [Extra Light (0.1 mm).] [Acid Etch (0.2 mm).] [Light Sandblast 1/64 inch (0.5 mm).] [Medium Sandblast 1/32 inch (1 mm).] [Heavy Sandblast 1/16 inch (2 mm).] [Exposure 7/64 inch (2.5 m).] [Exposure 5/32 inch (4 mm).] [Exposure 3/16 inch (5 mm).] [Exposure 13/64 inch (5.5 mm).] [Exposure ¼ inch (6.5) mm.]

P. Stamping Mats:

1. Source: Brickform Creative Image Mats by Solomon Colors, Inc.
www.solomoncolors.com
2. Pattern: [] [To be selected from manufacturer's available patterns.]

2.3 MIXES

- A. Mix materials in accordance with manufacturer's instructions.
- B. Add color pigment to concrete during mixing to match approved mockups.

PART 3 EXECUTION

3.1 PREPARATION

- A. Prepare surfaces to receive concrete treatments in accordance with manufacturer's instructions

3.2 APPLICATION

- A. Apply products in accordance with manufacturer's instructions.
- B. Apply [color hardener] [concrete stain] [concrete dye] [antiquing agent] to match approved mockups.
- C. Use bondbreaker to prevent [stamping mats and] tools from adhering to surface of concrete.
- D. Patterning:
 1. Press stamping mats into concrete that has reached plastic stage suitable for imprinting.
 2. Match patterns indicated on Drawings.
- E. Cure concrete as specified in Section [03 30 00.] [__ __ __.]
- F. After curing apply sealer to uniform coverage.

END OF SECTION