Solomon Colors, Inc. Developed by ZeroDocs.com

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 of deselect HIDDEN TEXT.

This guide specification section has been prepared by Solomon Colors, Inc. for use in the preparation of a project specification section covering colored and patterned concrete surfaces.

The following should be noted in using this specification:

Hypertext links to manufacturer websites are included after manufacturer names to assist in product selection and further research. Hypertext links are shown in blue text, e.g.:

www.acme.com

Optional text requiring a selection by the user is enclosed within brackets and shown in red text, e.g.: Color: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and shown in red text, e.g.: "Section [\_\_ \_\_ \_\_ - \_\_\_\_\_\_\_\_]."

Optional paragraphs are separated by an "OR" statement shown in red text, e.g.:

 \*\*\*\* OR \*\*\*\*

For assistance in the use of products in this section, contact Solomon Colors, Inc. by calling 800-624-0261 or visit their website at [www.solomoncolors.com](http://www.solomoncolors.com/)

This specification has been prepared based on *SimpleSpecs*™ specification templates. The *SimpleSpecs*™ Master Guide Specification system comprises a full architectural master specification that can be used to specify all project requirements. For additional information on *SimpleSpecs*™ products visit the ZeroDocs.com website at www.zerodocs.com.

**SECTION 03 35 19 – COLORED AND PATTERNED CONCRETE FINISHES**

1. **GENERAL**
	1. ADMINISTRATIVE REQUIREMENTS
		1. 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.
	2. SUBMITTALS

* + 1. Action Submittals:
			1. Product Data: Manufacturer’s descriptive data and product attributes for each product.
			2. Samples: [Selection samples.] [Verification samples.]
	1. QUALITY ASSURANCE
		1. Installer Qualifications: Minimum [5] [\_\_] years’ experience in work of this Section.
		2. Mockups: Minimum [4 x 4] [\_\_ x \_\_] feet. Show each concrete color and finish.
1. **PRODUCTS**
	1. MANUFACTURERS
		1. Contract Documents are based on products by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
		2. Substitutions: [Refer to Division 01.] [Not permitted.]
	2. MATERIALS
		1. Concrete Materials: Specified in Section [03 30 00.] [\_\_ \_\_ \_\_.]

Retain the following for an integral iron oxide color pigment that produces vibrant, durable colors.

* + 1. Color Pigment:
			1. Source: Iron Oxide Pigment.
			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.]

Retain the following for an integral carbon black pigment that produces “super black” concrete.

* + 1. Color Pigment:
			1. Source: 908 Carbon Black by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Carbon black in dry or liquid form.

Retain the following for a UV stable integral color pigment.

* + 1. Color Pigment:
			1. Source: Brickform Powdered Integral Color by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Ultraviolet stable powdered integral concrete color meeting ASTM C979/079M.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for a surface-applied color hardener for stamped and troweled finishes that provides consistent and brilliant color while resisting abrasion, weather, and normal use.

* + 1. Color Hardener:
			1. Source: Brickform Color Hardener by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Surface-applied ultraviolet-resistant color concrete hardener.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for an opaque, pigmented, cementitious coating for horizontal or vertical surfaces.

* + 1. Cementitious Coating:
			1. Source: Brickform Cem-Coat by Solomon Colors, Inc. [www.solomoncolors.com](http://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.]

Retain the following for a water-based stain.

* + 1. Concrete Stain:
			1. Source: Brickform ARTesian Stain by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Water-based concrete stain.
			3. VOC content: Zero.
			4. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for a chemically reactive stain.

* + 1. Concrete Stain:
			1. Source: Brickform Blush-Tone Acid Stain by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Chemically-reactive acid concrete stain.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for a non-acid reactive stain.

* + 1. Concrete Stain:
			1. Source: Brickform E-Stain by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Non-acid reactive concrete stain.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for a water or acetone-reduced stain for interior surfaces.

* + 1. Concrete Stain:
			1. Source: Brickform Pro-Dye Plus by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Water or acetone-diluted translucent concrete dye.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for an opaque water-based stain.

* + 1. Concrete Stain:
			1. Source: Brickform FreestylePRO by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Opaque water-based concrete stain.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for a solvent-based penetrating polysiloxane stain that is water repellent and weather resistant.

* + 1. Concrete Stain:
			1. Source: Brickform Refresh by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Solvent-based, penetrating polysiloxane concrete stain.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for an antiquing agent for new concrete or for restoring aged concrete.

* + 1. Antiquing Agent:
			1. Source: Brickform Antique-It by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Solomon Colors offers a wide range of concrete sealers to suit any application. Refer to Solomon Colors’ product data for assistance in selecting a sealer.

* + 1. Concrete Sealer:
			1. Source: Brickform [\_\_\_\_] by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: [Water] [Solvent] based, [high] [medium] [low] [satin] sheen.

Retain the following for a bond breaker that prevents finishing tools from sticking and adds depth and dimension to stamped concrete.

* + 1. Bondbreaker:
			1. Source: Brickform Antique Release by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Colored release agent.
			3. Color: [\_\_\_\_.] [To be selected from manufacturer’s full color range.]

Retain the following for a bond breaker that prevents finishing tools from sticking.

* + 1. Bondbreaker:
			1. Source: Brickform Liquid Release by Solomon Colors, Inc. [www.solomoncolors.com](http://www.solomoncolors.com)
			2. Description: Non-pigmented release agent.

Retain the following for a surface retarded finish.

* + 1. Surface Retarder:
			1. Source: Surface Deactivator by Solomon Colors, Inc. [www.solomoncolors.com](http://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.]

Retain the following for patterned concrete. Refer to Solomon Colors’ product data for available patterns.

* + 1. Stamping Mats: Brickform Creative Image Mats, [\_\_\_\_] Pattern.
	1. MIXES
		1. Mix materials in accordance with manufacturer’s instructions.

Retain the following for integrally colored concrete.

* + 1. Add color pigment to concrete during mixing to match approved mockups.
1. **EXECUTION**
	1. PREPARATION
		1. Prepare surfaces to receive concrete treatments in accordance with manufacturer’s instructions
	2. APPLICATION
		1. Apply products in accordance with manufacturer’s instructions.
		2. Apply [color hardener] [concrete stain] [concrete dye] [antiquing agent] to match approved mockups.
		3. Use bondbreaker to prevent [stamping mats and] tools from adhering to surface of concrete.

Retain the following for patterned concrete.

* + 1. Patterning:
			1. Press stamping mats into concrete that has reached plastic stage suitable for imprinting.
			2. Match patterns indicated on Drawings.
		2. Cure concrete as specified in Section [03 30 00.] [\_\_ \_\_ \_\_.]

Retain the following for a concrete sealer.

* + 1. After curing apply sealer to uniform coverage.

 END OF SECTION