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

- **GENERAL**

- ADMINISTRATIVE REQUIREMENTS

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

- SUBMITTALS

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

- QUALITY ASSURANCE

    - Installer Qualifications: Minimum [5] [__] years' experience in work of this Section.

    - Mockups: Minimum [4 x 4] [__ x __] feet. Show each concrete color and finish.

- **PRODUCTS**

- MANUFACTURERS

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

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

- MATERIALS

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

    - Color Pigment:
        - Source: Iron Oxide Pigment.
        - Description: Iron oxide concrete pigment meeting ASTM C979/C979M; light-fast, insoluble, and alkali resistant, in powdered, liquid, or granular form.
        - Color: [_____.] [To be selected from manufacturer's full color range.]

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

    - Color Pigment:
        - Source: Brickform Powdered Integral Color by Solomon Colors, Inc. www.solomoncolors.com
        - Description: Ultraviolet stable powdered integral concrete color meeting ASTM C979/079M.
        - Color: [_____.] [To be selected from manufacturer's full color range.]

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

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


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

- Concrete Stain:
  - Source: Brickform Blush-Tone Acid Stain by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Chemically-reactive acid concrete stain.
  - Color: [_____.] [To be selected from manufacturer's full color range.]

- Concrete Stain:
  - Source: Brickform E-Stain by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Non-acid reactive concrete stain.
  - Color: [_____.] [To be selected from manufacturer's full color range.]

- Concrete Stain:
  - Source: Brickform Pro-Dye Plus by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Water or acetone-diluted translucent concrete dye.
  - Color: [_____.] [To be selected from manufacturer's full color range.]

- Concrete Stain:
  - Source: Brickform FreestylePRO by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Opaque water-based concrete stain.
  - Color: [_____.] [To be selected from manufacturer's full color range.]

- Concrete Stain:
  - Source: Brickform Refresh by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Solvent-based, penetrating polysiloxane concrete stain.
  - Color: [_____.] [To be selected from manufacturer's full color range.]

- Antiquing Agent:
  - Source: Brickform Antique-It by Solomon Colors, Inc. www.solomoncolors.com
  - Color: [_____.] [To be selected from manufacturer's full color range.]


- Concrete Sealer:
  - Source: Brickform [_____] by Solomon Colors, Inc. www.solomoncolors.com
  - Description: [Water] [Solvent] based, [high] [medium] [low] [satin] sheen.

- Bondbreaker:
  - Source: Brickform Antique Release by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Colored release agent.
  - Color: [_____.] [To be selected from manufacturer's full color range.]

- Bondbreaker:
  - Source: Brickform Liquid Release by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Non-pigmented release agent.

- Surface Retarder:

- Source: Surface Deactivator by Solomon Colors, Inc. www.solomoncolors.com
  - Description: Water based, surface-applied, temporary water retention barrier and curing agent.
  - 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.]

- Stamping Mats: Brickform Creative Image Mats, [_____] Pattern.

- MIXES

  - Mix materials in accordance with manufacturer's instructions.

  - Add color pigment to concrete during mixing to match approved mockups.

- **EXECUTION**

- PREPARATION

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

- APPLICATION

  - Apply products in accordance with manufacturer's instructions.

  - Apply [color hardener] [concrete stain] [concrete dye] [antiquing agent] to match approved mockups.

  - Use bondbreaker to prevent [stamping mats and] tools from adhering to surface of concrete.

  - Patterning:
    - Press stamping mats into concrete that has reached plastic stage suitable for imprinting.
    - Match patterns indicated on Drawings.

  - Cure concrete as specified in Section [03 30 00.] [__ __ __.]

  - After curing apply sealer to uniform coverage.

<div align="center">END OF SECTION</div>