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**Camouflaged Concrete Corp.**

Manufacturers of Quality Decorative Concrete Products.



**Product Guide / Specification Sheet**

**Notes:** This specification sheet is written in accordance with the Construction Specifications Institute 3 - Part Format., contained in the CSI Manual of Practice.

**Attention:** Must be carefully reviewed and edited by Architect to meet the requirements of the project and local building codes. Coordinate this section with other specification sections and the drawings.

Delete all "Notes" when editing section.

**SECTION 03365**

**CONCRETE FLOOR STAIN**

**Notes:** This section covers **Fiesta Stain** - concrete acid stain by Concrete Camouflage, for interior and exterior surfaces. The staining process will result in a permanent color change, giving the concrete a marbled, mottled, or natural stone appearance. Slick finished concrete tends to look more marbled, while the less slick, broom or rougher finished surfaces results in more of a stone look.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Concrete Floor Stain.

**1.2 RELATED SECTIONS**

**Notes:** Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 03300 - Cast in Place Concrete.
- B. Section 09930 - Stains and Transparent Finishes.

**1.3 SUBMITTALS**

- A. Comply with Section 01330 - Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including surface preparation and application instructions.

**Notes:** Delete the following, installer's project references submittal if not required for the specific application.

D. Installer's Project References: Submit list of successfully completed projects, including project name and location, name of architect, type and quantity of concrete floor stain applied.

E. Maintenance Instructions: Submit manufacturer's maintenance and cleaning instructions.

#### 1.4 QUALITY ASSURANCE

A. Single Source Responsibility: Concrete floor stain products shall be of a single manufacturer.

**Notes:** Delete the following sentence if concrete sealer and floor finish( wax ) are not specified.

B. Installer's Qualifications:

1. Successful experience in application of this or similar concrete floor stains.

**Notes:** Delete installer's qualifications if not required for the specific application.

2. Employ persons trained for application of concrete floor stains.

or 3. Have a qualified consultant on site, whom is trained for application of floor stain, to ensure quality.

C. Pre installation Meeting: Convene a preinstallation meeting before start of application of concrete floor stain. Require attendance of parties directly affecting work of this section, including

**Notes:** Describe requirements for a meeting to coordinate the application of the concrete floor stain.

Contractor, Architect, and applicator. Review surface preparation, application, protection, and coordination with other work.

D. Protect Surface: Surface must be protected from other work being performed, before, during, and after the application. Cover with 4' x 8' sheets of cardboard, such as Tyvek or ThermaPly. Or you can use plywood , sheetrock, heavy duty paper products, etc. Attention! Keep printed side up and do not use a material that might cause sweating or abrasion. Especially protect from paints, mortars, glues, etc., and Most Especially protect from the oil used by H.V.A.C. and plumbers, when cutting metal pipe.

#### 1.5 DELIVERY, STORAGE, AND HANDLING

A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying manufacturer, product name, and concrete floor stain color.

B. Storage: Store materials in a clean, dry area indoors in accordance with manufacturer's instructions. Keep containers sealed until ready for use. Do not allow to freeze.

1. [ Concrete Sealer / Concrete Floor Finish (Wax) ]: Keep away from ignition sources. Do not allow to freeze.

**Notes:** Use and edit the following sentence if concrete sealer or concrete floor finish (wax) is to be applied over the concrete floor stain.

C. Handling: Protect materials during handling and application to prevent damage, contamination, or injury.

## 1.6 ENVIRONMENTAL REQUIREMENTS

- A. Do not apply concrete floor stain when air or surface temperature is below 40 degrees

**Notes:** Delete the appropriate following sentences, if concrete sealer and/or floor finish( wax ) are not specified.

- B. Concrete Floor Sealer: Do not apply when air or surface temperature is below 45 degrees F.
- C. Concrete Floor Finish: Do not apply when air or surface temperature is below 45 degrees F.
- D. Exterior Surfaces: Do not apply materials in wet weather. Do not apply sealer in extreme heat.

## 1.7 SEQUENCING

**Notes:** The following sentences describe an optimum execution and two alternative executions, but none are mandatory. Edit as required for the specific application.

- A. Prepare surface and apply concrete floor stain after all other interior finish work is completed, but before baseboards or shoe mould are installed. (Surface must be protected from other work. See item A. under 3.4 Protection.)
- B. Prepare surface and apply concrete floor stain [ and sealer / floor finish (if specified) ] at time determined by and agreed upon by architect, contractor, and others involved, to be the optimum time within scheduling of project. Concrete must be cured before application. A minimum of 28 days. (Surface must be protected from other work. See item A. under 3.4 Protection.)
- C. Prepare surface and apply concrete floor stain and 1 coat of sealer after the framing and dry in stage, but before sheetrock or finished walls. Allow to cure and cover. (Surface must be protected from other work, see item A. under 3.4 Protection. ) Come back when all other work is complete and uncover, clean, reseal with 1 additional coat of sealer and allow to cure. Apply 2 coats of Floor Finish.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

- A. Camouflaged Concrete Corp., General Delivery, Pine Ridge, AR 71966. Phone (800) 650 1157. Web Site [www.ConcreteCamouflage.com](http://www.ConcreteCamouflage.com). E-Mail [postmaster@concretecamouflage.com](mailto:postmaster@concretecamouflage.com)

### 2.2 CONCRETE FLOOR STAIN

- A. Concrete Floor Stain: Fiesta Stain - Concrete Acid Stain by Concrete Camouflage.

**Notes:** Specify the desired color and delete the others.

1. Description: Combination of acid solution, wetting agents, metallic ions and water. Chemically combines with portland cement to form permanent colors.
2. Color: Sunrise, Maya Stone, Cayenne, Tahiti Brown, Walnut, Twilight, Yucatan Blue, Sage, Aged Copper, Hot Tamale.

## 2.3 ACCESSORIES

**Notes:** Delete the concrete sealer and/or floor finish (wax) if not required. Use the sealer for both exterior and interior applications with adequate ventilation.

- A. Concrete Sealer: Concrete Camouflage Clear-Shield Advanced Sealer.
  - 1. Acrylic concrete sealer. Water base—Advanced Formula.
  - 2. Non Yellowing. Blush Resistant.
  - 3. Quick Drying. Premium Grade. Low Odor / VOC = 93 g/l
  
- B. Concrete Floor Finish: Concrete Camouflage Top-Shield Floor Finish.
  - 1. Acrylic floor finish. Can be applied up to 100 times before need to strip.
  - 2. Extremely durable and scuff resistant.
  - 3. Mop on Style. No need to buff.
  - 4. Quick Drying. Easy application.
  - 5. High gloss finish. Low Maintenance.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine surfaces to receive concrete floor stain. Notify Architect if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

### 3.2 SURFACE PREPARATION

- A. Concrete shall be as specified in Section 03300. Ensure concrete is a minimum of 28 days old.
  
- B. Score The Concrete:
  - 1. If you intend to score a pattern into the concrete, you should do so before final cleaning.
  - 2. Scoring is just that. A slight 1/16" deep or less score in the concrete to replicate a mortared joint. If you cut the concrete deeper, then it will only collect dirt. Unless you intend to mortar in the joint before sealing in which case you should cut 1/4"+.
  - 3. As your saw will not cut completely to the wall, you will need to cut a border around the walls and take your pattern cuts to the border.
  
- C. Prepare concrete surface in accordance with manufacturer's instructions. Ensuring concrete surface is structurally sound, clean and dry. Free from dirt, oil, grease, solvents, paint, wax, glues, concrete curing compounds, sealing compounds, surface hardeners, bond breakers, adhesive residue, and all other surface contaminants. Do not use heavy alkali cleaners or acid wash.
  
- D. Protect Surroundings:
  - 1. Protect walls and surrounding surfaces not to receive concrete floor stain. Tape off and cover the bottom of all walls, doors, and anything else that might possibly get stain on it. Protect vegetation as well. Ensure you have an entry/exit point with a means to clean off or remove your shoes.
  - 2. Do not allow stain to come in contact with wood or metal surfaces.

### 3.3 APPLICATION

- A. Apply concrete floor stain in accordance with manufacturer's instructions at locations indicated on the drawings.

B. After floor has completely dried, neutralize stain residue in accordance with manufacturer's instructions. Once again, allow floor to completely dry.

**Notes:** Delete the concrete sealer and/or floor finish (wax) if not required. Use the sealer for both exterior and interior applications with adequate ventilation.

C. Concrete Sealer: Apply concrete sealer over concrete floor stain in accordance with manufacturer's instructions.

D. Concrete Floor Finish (Wax): Apply concrete floor finish over sealed interior floors in accordance with manufacturer's instructions.

E. Keep material containers closed when not in use to avoid contamination and spills.

### 3.4 PROTECTION

A. Protect stained concrete floor from damage during construction. Surface must be protected from other work being performed, before, during, and after the application. Cover with 4' x 8' sheets of cardboard, such as Tyvek or ThermaPly. Or you can use plywood, sheetrock, heavy duty paper products, etc. Attention! Keep printed side up and do not use a material that might cause sweating or abrasion. Especially protect from paints, mortars, glues, etc., and Most Especially protect from the oil used by H.V.A.C. guys and plumbers, when cutting metal pipe.

**Notes:** Use and edit the following sentences if concrete sealer and/or floor finish is required. Use the sealer for both exterior and interior applications with adequate ventilation. Use the floor finish for interior applications only.

B. Sealer: Protect concrete surfaces from foot traffic until cured. A minimum of 10 hours in hot weather, a minimum of 12 hours in warm or mild weather, and a minimum of 24 hours in cold weather.

C. Floor Finish (wax): Protect concrete surfaces from foot traffic a minimum of 12 hours.

D. Avoid washing concrete surface for a minimum of 72 hours. Wait a minimum of 5 days in cold weather.

E. Keep clean with water. Use a mild detergent if needed. Re Seal and/ or re apply the floor finish as needed. Use only Concrete Camouflage Sealer and Floor Finish.

**END OF SECTION**