



**Specification Document**  
**Product: Final Finish**

**DIVISION 3 - CONCRETE**  
**Section 03 01 00 - Maintenance of Concrete**

---

**Part 1 – General**

**1.01 Summary**

A. This specification outlines the procedures for the resurfacing, smoothing, and finishing of interior and exterior concrete surfaces using Final Finish, a rapid-hardening, polymer-modified concrete resurfacer.

**1.02 Quality Assurance**

- A. Manufacturer qualifications: SpecChem must have an ongoing quality assurance program, independently audited regularly.
- B. Contractor qualifications: Must have successful experience in concrete construction.
- C. Comply with all safety and environmental conditions as recommended by SpecChem and local, state, and federal regulations. Refer to Safety Data Sheets (SDS) for safety and handling practices.

**1.03 Delivery, Storage, and Handling**

- A. Deliver and store materials in their original, unopened containers with labels intact.
- B. Protect materials from moisture and extreme temperatures. Store off the ground in a dry area.



#### **1.04 Job Conditions**

A. Environmental Requirements: Apply in dry conditions, at a minimum ambient and surface temperature of 45°F and rising. B. Avoid application under direct sunlight or on excessively hot surfaces.

#### **1.05 Submittals**

A. Provide technical data sheets, safety data sheets, and proof of contractor qualifications.

### **Part 2 – Products**

#### **2.01 Manufacturer**

A. Final Finish by SpecChem.

#### **2.02 Materials**

A. Final Finish: Rapid-hardening, sand-less, polymer-modified concrete resurfacing mortar.

#### **2.03 Performance Criteria**

A. Compressive Strength

- 28 days: 1500 psi

B. Water Requirements

- Water requirement: Approximately 41% by weight
  - For example, 40 pounds of Final Finish require 15.8 to 16.0 pints of water (1.9 to 2.0 gallons) .

C. Physical Properties

- Color: Light Gray .

D. Pot Life

- Pot life at 72°F: Up to 3 hours .

E. Application Thickness



- Can be applied from feather-edge up to 1/4" depth. For thicker applications (above 1/4"), use SpecSmooth .

#### F. Set/Cure Time

- Final Finish will reach its final cure in 24 hours .

#### G. Clean-Up

- Tools and equipment may be cleaned with water before Final Finish hardens .

#### H. Packaging and Coverage

- Packaging: Available in 15 lb pails, 40 lb bags, and 40 lb pails
- Coverage:
  - For 40 lbs: Approximately 120 square feet at 1/16" thickness .

### **Part 3 – Execution**

#### **3.01 Surface Preparation**

A. Clean the Surface: Ensure the concrete is free from oil, grease, dust, laitance, or other contaminants. For best results, substrates that are porous or subject to very dry or hot conditions should be pre-dampened to achieve a saturated-surface-dry (SSD) state without standing water.

#### **3.02 Mixing and Application**

A. Mixing Instructions: Final Finish can be mixed by hand or with a low-speed drill. Start by adding the recommended amount of water to the mixing container, followed by the Final Finish powder. For a 40 lb pail, approximately 16 pints (2.0 gallons) of water is suggested, equating to about 41% by weight. Mix for 2-3 minutes until a uniform, smooth consistency is achieved. To extend the pot-life to up to 3 hours at 72°F, cover the mixing container with a damp rag during this period. Avoid overmixing or retempering the mixture.

B. Applying Final Finish: For Trowel or Sponge Float Applications: Apply pressure to force Final Finish into cracks, voids, and honey-combed areas, ensuring it spreads easily and retains moisture for easy application. For thicknesses exceeding 1/4",



consider using Overcrete for better results. For Wall Applications: Address low areas and voids with SpecPatch or Overcrete and allow to harden. Apply a thin layer of Final Finish over the entire surface, working it in with a sponge float or trowel. If necessary, a second coat may be applied before the first coat fully cures, avoiding extreme weather conditions, especially heat and wind.

### **3.03 Curing Process**

A. Final Finish will achieve its full cure within 24 hours. Protect the applied material from rain or excess water until fully cured.

### **3.04 Packaging and Coverage**

A. Final Finish is available in 15 lb pails, 40 lb bags (60 bags per pallet), and 40 lb pails (36 pails per pallet). A 40 lb quantity covers approximately 120 square feet at a thickness of 1/16".

### **3.05 Clean-Up**

A. Clean tools and equipment with water before Final Finish hardens to ensure easy maintenance and longevity of application tools.

### **3.06 Shelf Life**

A. Unopened pails have an 18-month shelf life when stored in dry conditions. Store in a cool, dry area to maximize shelf life.

### **3.07 Limitations/Precautions**

A. Do not retemper or add any cements or additives after the initial mix. Ensure mixing equipment is cleaned promptly. Not intended as a wear surface but suitable as an underlayment for various flooring types. By following these detailed instructions, users can ensure a successful application of Final Finish for concrete



surface repairs and resurfacing projects. For further assistance, contact SpecChem's technical services.