

**MULTI-SURFACE  
CERAMIC  
CLEARCOAT  
PURE AIR COATING**

## Densifying and Coating New Polished Concrete Floors with SIMIX Multi-Surface Ceramic Clearcoat

### INSTRUCTIONS

- Perform standard grinding and polishing to the level desired prior to densifying.
- Perform standard floor cleaning procedures using **SIMIX Multi-Surface Cleaner/Degreaser/Sanitizer** before applying **SIMIX Multi-Surface Ceramic Clearcoat**.

**Densify Step 1:** After 100-200 grit polish pass, use 4 parts water to 1 part **SIMIX Multi-Surface Ceramic Clearcoat**. (use distilled or RO water). Apply solution to floor, keep floor visibly wet for 10 minutes (densify to saturation) let dry and repeat.

**SIMIX can take the floor from 400 grit on, eliminating final resin polish passes**

**Step 2:** Next day wet polish floor with 800 pucks or diamond pads, 4-6 passes both ways.

**Rinse Step 3:** Rinse floor well using red pad and one small scoop of **SIMIX Multi-Surface Cleaner/Degreaser/Sanitizer** per gallon of water. Let visibly dry.

**Coat Step 4:** Mix 4 parts water to 1 part **SIMIX Multi-Surface Ceramic Clearcoat** in pump-up sprayer or equivalent. (use distilled or RO water)

**Step 5:** Spray floor with mixture and spread with laundered looped microfiber pad. Apply thin coats, do not let puddle. Apply a total of 4 coats. Will take 10 to 15 minutes to dry per coat.

(Always rinse microfiber flat mop between coats or every 1500 sq. ft. for best results)

### Easy Maintenance with SIMIX Multi-Surface Cleaner/Degreaser/Sanitizer

For medium level of dirt use one large scoop per 15 gallons of warm water in auto scrubber.

For light level of dirt use 1/2 large scoop per 15 gallons of warm water.

Use red pads to maintain shine.

For increased shine use 3000 diamond pads.

If mopping, use 2 small scoops **SIMIX Multi-Surface Cleaner/Degreaser/Sanitizer** per gallon of warm water for medium dirt levels or use 1 scoop for light levels.

**SIMIX Multi-Surface Ceramic Clearcoat is the best coating for concrete of all types: polished, stained, industrial and outdoor.**

- Never yellows, cracks, chips or peels
- Strengthens concrete
- Minimizes concrete chipping and spalling
- Creates a moisture barrier that protects concrete from freeze/thaw damage
- Helps concrete resist oil stains
- Slows surface build-up of moss, fungi etc.
- Prevents salt damage in snowy climates
- Extends life of concrete slab by 3-5 years

### Concrete considerations

- Every concrete slab is different, from porosity to mix design to use
- Assess carefully to determine best approach
- Test porosity with water test to determine how much coating you will need
- Application process may change after assessment
- Make any repairs before applying SIMIX
- Many slabs will need to be densified first
- Wait 3-4 hours after densification before introducing water to slab
- Wait 24-48 hours after densification to apply SIMIX Multi-Surface Ceramic Clearcoat as topcoat



### You will need:

- Auto scrubber
- 220 grit diamond polishing pad
- 800 diamond pad
- Buff diamond polishing pad (8500 grit)
- Microfiber flat mop system (Pads are short-looped and laundered)
- SIMIX Multi-Surface Cleaner/Degreaser/Sanitizer**
- SIMIX Multi-Surface Ceramic Clearcoat**
- Distilled or RO water