

MULTI-SURFACE CERAMIC CLEARCOAT

PURE AIR COATING

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

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 4 Liters 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 57 Liters 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 4 Liters of warm water for medium dirt levels or use 1 scoop for light levels.

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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

