

PowerCoat® One is available in easy pour one gallon cans, 5 gallon pails and 55 gallon drums.



PowerCoat® One is available in clear and the following 19 standard colors. Custom colors are also available.



DecoChips™ are available in 8 unique color blends each in two chip sizes, regular and micro.



Use our interactive online tool to preview epoxy and DecoChip color combinations at [vexcon.com/DecoChipSelector](http://vexcon.com/DecoChipSelector)

Available at:

- Patios
- Basements
- Garages
- Restaurants
- Kitchens
- Gas stations
- Driveways
- Locker rooms
- Lobbies and walkways
- Commercial showrooms
- Educational and healthcare facilities

**Vexcon's PowerCoat® Breathable Technology**

PowerCoat® Epoxies allow moisture vapor to pass through rather than become trapped. This prevents blistering and peeling.

Water-Based • Eco-Friendly • VOC Compliant



A single component light-duty epoxy with the same performance as a two-part epoxy.



**POWERCOAT®**  
**One**  
Epoxy

Gloss

Low odor

Water-based

Unlimited pot life

Easy to use and maintain

Stain, gasoline & hot tire resistant

Extremely durable and long lasting

Available with DecoChips™ as a kit

## Step 1: Surface Prep

Concrete surface must be properly repaired, structurally sound and cleaned of previous coatings, grease and oil. In some cases the surface may need to be etched for better penetration and adhesion.

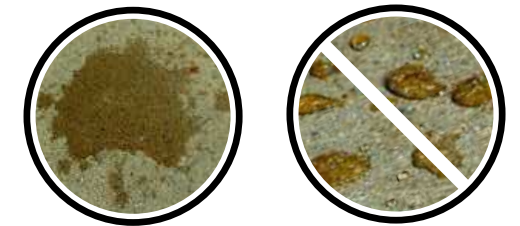


### Existing Concrete

- **Remove Previous Coatings:**  
Remove previously applied epoxies, sealers, paints and other types of coatings with Certi-Vex® Concrete Stripper.
  - **Remove Efflorescence:**  
If efflorescence exists (a naturally occurring white powdery salt deposit on the surface), remove with Certi-Vex® Etch & Efflorescence Remover and then neutralize with Certi-Vex® Neutralization Rinse.
  - **Clean Surface:**  
Remove dust, dirt, oil and grease with Certi-Vex® Super Degreaser and Cleaner and let dry at least 24 hours.
  - **Repair Cracks:**  
Any large cracks should be repaired with PowerCoat® Epoxy Joint Sealant. Patch smaller cracks and holes with commercial grade patching material.
- ### New Concrete
- **Curing Fresh Concrete:**  
For faster completion, new concrete surfaces can be primed and cured with PowerCoat® Primer Water Base. Alternatively, allow the concrete to cure a minimum of 30 days before application and follow directions for existing concrete.

### Surface Porosity

- **Absorbency Test:**  
Test area to determine porosity to help determine rate of application and required surface preparation for existing concrete. The following test will help determine the ideal condition of the concrete for proper application.



Apply water to a portion of the prepared area. Properly prepared dry surfaces immediately absorb water without beading

To improve material penetration and adhesion, etch the surface using Certi-Vex® Etch & Efflorescence Remover and then neutralize with Certi-Vex® Neutralizing Rinse.

## Additional products available for successful surface preparation



**Certi-Vex® Concrete Stripper**  
Removes many types of coatings from concrete such as sealers, curing compounds, urethanes, epoxies in addition to floor waxes and adhesives. Cleans oil stains from concrete. Easy to apply, emulsifies into water yielding a clean prepared surface ready for subsequent treatments.



**Certi-Vex® Super Degreaser & Cleaner**  
Industrial grade, environmentally safe cleaner formulated to remove grease and oil stains, tire marks and dirt from concrete surfaces.



**PowerCoat® Primer Water Base**  
Low odor, single component ready to use primer. Apply as a cure and primer to new concrete saving time for fast track new construction.



**Certi-Vex® Concrete Etch & Efflorescence Remover**  
Economical general purpose acid etch for effectively removing efflorescence, rust and other construction stains. Opens concrete pore structure to improve material penetration and adhesion to the concrete surface.



**Certi-Vex® Neutralizing Rinse**  
Apply after using Certi-Vex® Concrete Etch & Efflorescence Remover to neutralize acid residue from the surface before application. Use on all concrete, brick, tile, stone and masonry when acid has been previously used in the cleaning, etching or staining process.

## Step 2: Coverage Rate Calculation

Determine the amount of PowerCoat® One needed based on your type of floor and total square feet.

### Application rates for all two coat applications:

- Two coats PowerCoat® One color
- One coat each: PowerCoat® One color and PowerCoat® One clear
- Two coats PowerCoat® One clear

**Porous concrete floors:** One gallon of product will complete an area of 150 sq. feet with two coats.

Rate of Application	First Coat	Second Coat
	300 sq.ft./gal.	300 sq.ft./gal.

**Hard, non-porous concrete floors:** One gallon of product will complete an area of 250 sq. feet with two coats.

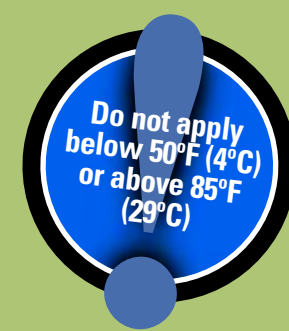
Rate of Application	First Coat	Second Coat
	500 sq.ft./gal.	500 sq.ft./gal.



## Step 3: Mixing



Refer to coverage rates for how much to pour.

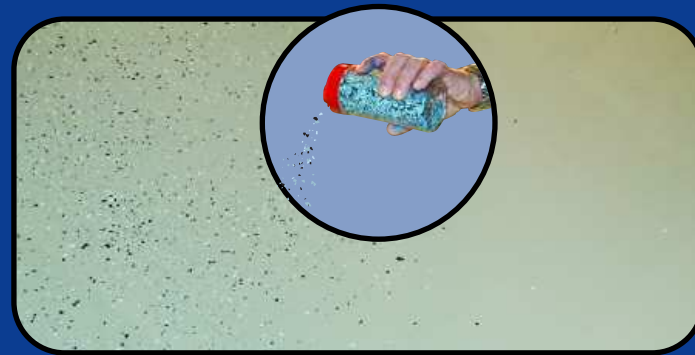


## Step 4: Application of PowerCoat® One with Certi-Vex DecoChips™

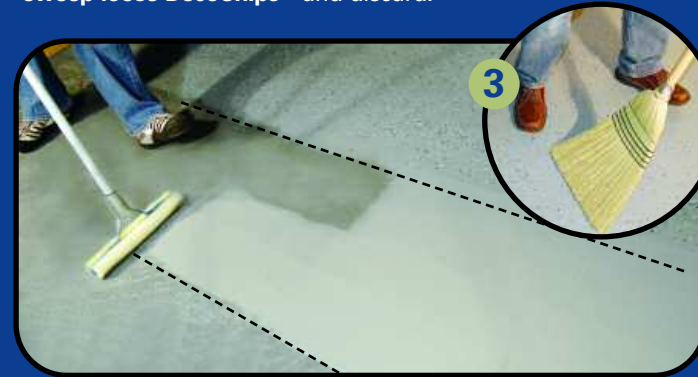
**1** Apply color base coat using a 1/4" nap roller or Vexcon's EvenFlow applicator. **Coat in one direction only** lapping over each successive pass. Do not change direction. Work a small section at a time; 2 feet wide and 6 feet long.



**2** Apply Certi-Vex® DecoChips™ in small sections while the color **base coat is wet**. Evenly broadcast the chips across the wet surface to desired appearance.



Continue applying PowerCoat® One and DecoChips™ in small, easy to manage sections. Allow to dry a minimum of 24 hours or longer if necessary until completely dry, (tack free), before applying second coat. You can test dryness by pressing tape hard onto the surface. Leave for 5 minutes then remove. If tape is clean the surface is dry. When dry, **sweep loose DecoChips™** and discard.



**4** After cleaning off loose DecoChips™, apply one coat of **PowerCoat® One Clear** top coat in the same manner as the color base coat. This final coat seals and locks in DecoChips™ to the base coat. The clear top coat will appear milky white wet. It will dry clear and glossy.



## Step 4: Application of PowerCoat® One without DecoChips™

**1** Apply first color coat or clear coat using a 1/4" nap roller or use Vexcon's EvenFlow applicator. Coat in one direction only lapping over each successive pass. Do not change direction of application.



**2** Allow to dry a minimum of 24 hours or longer if necessary until completely dry, (tack free), before applying second coat. You can test dryness by pressing tape hard onto the surface. Leave for 5 minutes then remove. If tape is clean, the surface is dry. Apply second coat in the same manner as the first coat.



**3** **Optional third clear top gloss coat:** Apply a top coat of PowerCoat® One Clear over color coat at a rate of 250 sq. ft. per gallon after second color coat has completely dried. The clear top coat will appear milky while wet. It will dry clear and glossy.



**Dry Times:** The relative humidity, surface and air temperature will affect dry times. High humidity will require positive airflow for adequate drying. Use fans, open windows and doors to increase airflow. Low temperatures will extend typical dry times.

**Dry** Tack free for foot traffic: *24 hours minimum*

**Curing** Gasoline and water resistance: *3-7 days*  
Heavy objects and vehicles: *One week*

**PowerCoat® One Shelf Life:** One year if properly stored in original sealed containers.

**Clean Up:** Clean application tools with soap and water.

**Maintenance:** Do not rinse or clean for a minimum of 30 days after application. Clean regularly with Certi-Vex® Super Degreaser and Cleaner.

For more detailed surface preparation, product application instructions and information on all Vexcon products, visit [vexcon.com](http://vexcon.com).

Protecting and improving concrete since 1974

888-839-2661

QUICK & EASY INSTALLATION

VEXCON  
CHEMICALS, INC.