



VEXCON
CHEMICALS, INC.

Concrete solutions for architects, engineers and builders since 1974
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REPAIR PROCEDURE FOR EPOXIES & URETHANES

Contact Vexcon with comprehensive information on the specific requirements to repair.

Below are typical repair procedures;

- A. Delamination of areas that were applied over powdery or deteriorated concrete surfaces without proper preparation. Usually exhibited by concrete or dirt attached to back side of delaminated coating.
 1. Procedure: using a five in one tool or a dull putty knife to scrape off all flaking material to solidly adhered edges.
 2. Consult TN270 "Cleaning and Surface Preparation for Concrete to be Coated with Vexcon Masonry and Concrete Acrylic and Epoxy Coatings".
 3. Feather the edges of adhered PowerCoat with 100 grit sand paper, sanding screen on a sanding machine or by hand 2" – 3" in from edges.
 4. Wipe the area with a rag or brush using VM+P Low Flash Naphtha, Isopropyl Alcohol, or an automotive tar & bug remover to remove sanding residual. Allow to dry until area is dry to touch.

- B. Apply PowerCoat Primer in accordance to directions on product data sheet, depending on products, per data instruction for wet millage: *
 - PowerCoat Primer WB Clear & Pigmented (CP100)
 - PowerCoat Primer Clear & Pigmented (CP101)
 - PowerCoat Primer Clear AIM (CP101-AIM)
 - PowerCoat Primer PA DOT 1019 Safety Yellow (CPSP101)
 1. Allow to dry per product data sheet instructions. **

- C. Apply PowerCoat Epoxy or Urethane, depending on product, in accordance to product sheet instructions:

<ul style="list-style-type: none"> ▪ PowerCoat Epoxy HD (CP103) ▪ PowerCoat Epoxy LD FT (CP105) ▪ PowerCoat Epoxy LD (CP106) ▪ PowerCoat Epoxy HD WB (CP110) ▪ PowerCoat Epoxy LD WB (CP112) ▪ PowerCoat Epoxy HD Clear AIM (CP103-AIM) ▪ PowerCoat Epoxy HD Pigmented PA DOT 1019 System (CPSP103) 	<ul style="list-style-type: none"> ▪ PowerCoat UV+ (CP107) ▪ PowerCoat UV+ HD (CP108) ▪ PowerCoat UV+ WB (CP145) ▪ PowerCoat UV+ HD WB (CP147) ▪ PowerCoat Anti-Graffiti (CP109) ▪ PowerCoat Anti-Graffiti WB (CP149)
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 1. Apply 2 coats in accordance to data sheet instructions and wet mill thickness. *
 2. Check for adhesion per ASTM D-3359, Minimum 2A after 24 hrs.

- D. Repair of blisters from out gassing, over application, excessive temperature, over applying into bug holes.
 1. Remover blister with a five in one tool or dull putty knife. If primer is removed follow procedures in A1 of this document.
 2. If primer is not removed follow procedures in A 3-4 of this document.

*Contact Vexcon for free Wet Film Gauges

**Follow procedures for abrading PowerCoat prior to application of repair coat.