

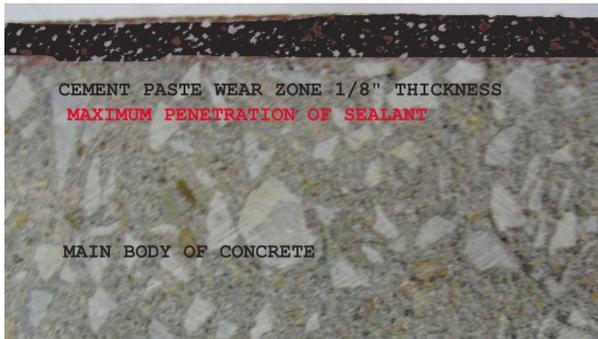
# WOHL COATINGS EZ 255 ACRY-SEAL

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## Water Based Clear Acrylic Co-polymer High Performance Concrete Sealer

**Features: \* Exceptional Non-Yellowing Formulation, High Chemical Resistance, Excellent Water Resistance, Easy Clean Surface, Resistant to Amine Based Strippers, Stops Dusting, Easily Renewed, High Abrasion Resistance, Prolongs Service Life of Wear Zone.**

**What Does It Do!** First look at the cross section photo of a concrete surface. The dark layer on the top of the concrete represents the cement paste layer or the “wear zone” of the concrete. This is created when the concrete is installed and the trowel work brings the portland cement layer up to the top of the slab. This wear zone varies considerably with each floor application. It often contains micro-pits and surface crazing that will allow water or water vapor penetration into the zone where it dissolves free calcium hydroxide (formed when concrete cures) which causes failure of this wear zone particularly in high traffic zones. Once the wear zone is worn off the concrete needs to be resurfaced because then the large aggregate is exposed and the concrete deteriorates at an even a faster rate. The black coating represents the cement paste surface of a concrete slab. The lower section is the main body of a concrete slab.



It is this top 1/16” to 1/8” cement paste layer that needs sealing to prolong the service life of the wear zone. All sealants will penetrate only about 1/8” into the top of the concrete slab. This is enough to seal the cracks and micro-pits in the wear zone and prevent water and water vapor from penetrating the wear zone and causing alkali degradation of the concrete.

### WHEN TO APPLY:

In order for a concrete sealer to work it is necessary to have a dry concrete surface and be free of excess water through the wear zone so that the sealer will be able to penetrate the wear zone and seal the imperfections in this wear zone. For fresh concrete this means from 7 days (in dry humidity conditions and using a water based sealer) before the top layer is dry enough to achieve good penetration. For concrete already in service a water test should be run to insure the water content is low enough. If too much water remains in the concrete, either from curing or being wet, the sealant will not penetrate into the wear zone and the prime purpose of the sealer will be reduced.

### HOW TO APPLY:

The first step is to clean the surface so it is free of oil or other contaminants which could prevent penetration. Blast Track or removal of the Wear Zone is NOT recommended for the application of a sealant. In fact this method exposes the concrete below the wear zone and it cannot be protected by a sealer type coating. EZ 255 Acry-Seal is applied in two coats, applied during the same application, with the first coat being applied at a viscosity and thickness which allows for penetration into the wear zone. The second coat is applied shortly after the first coat in a cross-hatch technique to insure full coverage and to further seal the surface. Depending on the type of surface desired the thickness of the second coat is varied.

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### CHEMICAL RESISTANCE:

Chemical Resistance of the sealer is important information for the customer. (most sealers sold do not give this information because it is so low that it is easily removed by cleaning or spills on the surface). The following table represents the performance of EZ 255 Acry-Seal when spot tested for 24 hours in the material indicated. Shorter time exposures have a lesser effect. EZ 255 Acry-Seal is easy to clean with normal detergent systems without removal of the coating. (most other sealers would be removed)

Chemical	Effect	Chemical	Effect	Chemical	Effect	Chemical	Effect
Antifreeze	No effect	Gasoline	Med. Blisters	Grease	No effect	Brake Fluid	Small Blisters
Trans Fluid	No Effect	Motor Oil	No effect	Bleach	No effect	Muratic Acid	Slight Effect
Sulfuric Acid	No effect	Ammonium Hydroxide	No Effect	Ethanol-amine	No effect	Sodium Hydroxide	No Effect
Alcohols	No effect	d-Limonene	Poor	Mineral Sprits	No effect	MEK	Poor
Tide Soap	No effect	10% TSP	No effect				

Solvents like gasoline, MEK, d-Limonene and others should be wiped up at the time of the spill and no damage should be done to the coating in a short time exposure.

### PACKAGE SIZES & COVERAGE:

Sizes: EZ-255 Acry-Seal is available in 5 gallon pails and 55 gallon drums. Ready to apply.

Coverage: 500 to 800 square feet per gallon per coat.

### APPLICATION:

Depending on the surface conditions the product maybe applied by spray, squeegee, or roller.

### Professional Application:

Professional cleaning and application of EZ 255 Acry-Seal is available upon request.

**WARRANTY:** Any recommendation of WOHL Coatings contained herein, covering use, utilization, chemical or physical properties and other qualities of the products sold is believed reliable; however WOHL Coatings makes no warranty or representation with respect thereto. Use or application is at the discretion of the Buyer without liability or obligation whatsoever of WOHL Coatings.

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