

PRODUCT DESCRIPTION

A) Composition DP-100 Clearseal is a clear (semi-gloss) single component, waterborne acrylic sealer that is design to be used over most Polymer Systems cementitious, polymer modified resurfacers, toppings, asphalt coatings, concrete pavers and waterborne colorants. It may be used for both interior and exterior applications in a wide range of climates. It has excellent UV stability and will not yellow or chalk.

B) Typical Uses Designed primary as a clear seal for applications over concrete restoration products, decorative asphalt coatings and pool deck coatings, DP-100 Clearseal is generally applied over DP-200 Decorative Pavement Coating and Pool Deck Sealer where a low maintenance, cleanable surface is required. The features and application uses don't stop there because DP-100 Clearseal may also be used as a sealer for Spanish tile, stucco, masonry, EIFS and some natural stone, providing the surface is properly prepared. In addition it may be used as a maintenance coat to prolong the life and durability of many systems. It dries quickly for recoat and service, is environmentally safe and cleans up with soap and water. It also prevents tire marks from sticking to decorative concrete and asphalt surfaces that get vehicular traffic.

C) Advantages - Limitations

Advantages

- Water-resistant, dust proofer and will aid in restricting water penetration and salt attack. Tire Mark resistant.
- Waterborne, no fumes or odors.
- Slip-resistant (when incorporated with non-slip medium).
- Excellent adhesion and abrasion-resistance. Low cost and easy to install by brush, roller or spray.
- Low maintenance and excellent chemical resistance.
- May be used as a stucco or masonry sealer.

Limitations

- May reflect working cracks in substrate.
- Not recommended for applications below 50.
- Must not be installed when there's not a 5% variance between wet bulb humidity and dew point.
- Must be installed over a clean dry surface.

PHYSICAL CHARACTERISTICS AND TECHNICAL DATA

A) System thickness	2-4 wet mils per coat Standard application is one - two coats																											
B) Coverage per liquid gallon	400-600 sq ft per US gallon																											
C) Abrasion	Excellent																											
D) Impact resistance	(ASTM D-2794) Passes Direct > 160 inch lbs Reverse > 160 inch lbs																											
E) Flexibility	(ASTM D-1737, 180° Bend, 1/8" Mandrel) Passes																											
F) Chemical Resistance	<table border="1"> <thead> <tr> <th>Environment</th> <th>Immersion</th> <th>Splash or spill</th> </tr> </thead> <tbody> <tr> <td>Acid</td> <td>NR</td> <td>R</td> </tr> <tr> <td>Alkali</td> <td>R</td> <td>R</td> </tr> <tr> <td>Cola</td> <td>R</td> <td>R</td> </tr> <tr> <td>Motor oil</td> <td>R</td> <td>R</td> </tr> <tr> <td>Solvent</td> <td>NR</td> <td>LR</td> </tr> <tr> <td>Salts</td> <td>R</td> <td>R</td> </tr> <tr> <td>Water</td> <td>R</td> <td>R</td> </tr> <tr> <td>Whiskey</td> <td>R</td> <td>R</td> </tr> </tbody> </table> <p>NR- Not Recommended LR-Limited Recommendation R - Recommended</p>	Environment	Immersion	Splash or spill	Acid	NR	R	Alkali	R	R	Cola	R	R	Motor oil	R	R	Solvent	NR	LR	Salts	R	R	Water	R	R	Whiskey	R	R
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G) Degree of Gloss	semi-gloss																											
H) Solids content by weight	29%																											
I) Solids Content by Volume	28%																											
J) Cure Time at 77F	Dry to touch - 1 hour. Recoat - 2 hours. Light foot traffic 12 hours Full cure - 5-7 days																											

3) INSTALLATION

A) Prepare surface by careful and thorough removal of laitance, grease and foreign matter.

B) Apply first coat of DecoCoat Polymer Systems DP 100 by brush, roller or airless sprayer.

C) Apply second coat (and third coat when heavy traffic requires) by brush, roller or airless sprayer.

Note: DecoCoat Polymer Systems DP-100 Clearseal, when used with a small percentage of pigment concentrate or color dispersion, can also provide a carrier for stain washing and faux finish techniques.

4) PRODUCT AVAILABILITY & TECHNICAL ASSISTANCE

DecoCoat Polymer Systems
1027 E. Curry Rd
Tempe, AZ 85281
480-446-9000

It is HIGHLY recommended that onsite samples and mockups be made by the applicator. Representative test sections must be produced for the Owner's approval in writing and to ensure that applicators are familiar with the product and installation procedures.

