



# DEX-COAT FLOOR & DECK COATING

**DEX-COAT FLOOR & DECK** is a waterborne, acrylic finish designed for use on all interior and exterior walking surfaces. This premium quality maintenance coating provides excellent durability and abrasion resistance that withstands the demands of high traffic areas. The fast drying, user friendly formula allows projects to be completed quickly and recoated easily. Dex-Coat is available in a slip resistant smooth or textured finish.

### FEATURES:

Smooth or Textured Finish  
Durable & Long Lasting  
Easy-to-Apply & Maintain  
Slip Resistant  
UV & Weather Resistant  
Low Odor & VOC

### BUILT FOR:

Interior & Exterior  
Concrete, Masonry,  
Asphalt, Metal &  
Wood Walking  
Surfaces

### BEST ON:

Floors  
Porches & Patios  
Walkways  
Pool Decks  
Playgrounds  
Sports Courts

### SPECIFICATIONS:

<b>Composition:</b>	Acrylic
<b>Vehicle:</b>	Water
<b>VOC (ASTM D6886):</b>	< 50 g/L
<b>Solids by Weight:</b>	Smooth 42% ± 2 Textured 59% ± 2
<b>Shelf Life:</b>	16 Months

### MEETS VOC REQUIREMENTS:

CAL Green	YES
SCAQMD	YES
CARB	YES
National AIM	YES
Green Seal GS-11	YES
LEED v4 v5	YES

### AVAILABLE PRODUCTS:

<b>MFG Codes:</b>	2600 Smooth White 2900 Smooth Neutral 2700 Textured White 2800 Textured Neutral
<b>Finishes:</b>	Low-Gloss
<b>Tint Capacity:</b> <i>Waterborne Colorants</i>	White Base - 2-6 oz / gal Neutral Base - 6-12 oz / gal <i>**Do Not Use As A Clear Coating</i>
<b>Sizes:</b>	1 Gallon, 5 Gallon

### PREPARATION:

All surfaces must be cured, firm and dry. Use suitable cleaners to remove all dirt, efflorescence, oil or other contamination. Sand glossy surfaces and remove dust (See **WARNING!**) See full 'Preparation' instructions on the following pages.

### APPLICATION:

<b>Brush:</b>	Synthetic Bristle
<b>Roll:</b>	Smooth - Synthetic Nap - 1/4" - 3/8" Textured - Synthetic Nap - 1/4"
<b>Squeegee:</b>	Flat Stiff Tool
<b>Spray:</b>	Smooth - 2000 PSI; 0.009" - 0.015" Tip Textured - Use hopper or texture sprayer

#### Primer – 1 Coat:

Monobond High Adhesion Primer  
or  
Metal - Monobond Direct-To-Metal Rust Inhibitive Primer  
Concrete w/High Moisture – Monochem Moisture Vapor Barrier

#### Topcoat – 2 Coats:

Dex-Coat Floor & Deck Coating

<b>Temperature:</b>	40°F - 90°F Air, Surface, & Material
<b>Film Thickness:</b>	Smooth - 6-8 Wet Mills; 2.5-3 Dry Mills Textured - 10-16 Wet Mills; 6-10 Dry Mills
<b>Coverage:</b>	Smooth ~ 250 Sq. Ft. / Gal Textured ~ 150 Sq. Ft. / Gal
<b>Drying Time:</b> @75°F; 50% R.H.	1-3 Hours Dry & Recoat 24 Hours Return to Service
<b>Thinning:</b>	Up to 10% Water
<b>Clean Up:</b>	Water

#### All Surfaces:

Apply material working in small areas using cross hatch passes. Make the final pass pulling material in one direction to eliminate lap marks and create an even appearance. Do not overwork or excessively roll the Textured coating as it can leave an uneven finish.

See following pages for detailed preparation and application instructions.





# DEX-COAT FLOOR & DECK COATING

## PREPARATION & APPLICATION:

### BEFORE APPLICATION

**GENERAL PREPARATION:** All surfaces must be cured, firm, dry and cleaned free of dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating. Sand glossy, dense or glazed surfaces (see **WARNING!**). Protect surrounding areas, shrubbery, plants, grass, glass, metal and other glazed surfaces.

**CONCRETE & MASONRY:** Ensure the surface has a pH < 8 prior to application. Higher pH may result in discoloration or 'burn' of the coating. Use a pH resistant primer if necessary.

**METAL:** Remove all loose rust, mill scale, or deteriorated previous coatings by Hand Tool (SSPC-SP-2) or Power Tool (SSPC-SP-3) cleaning. Wash surface with TSP or other suitable cleaner or degreaser to remove oil and contaminants. Apply an etching solution to bare surfaces. Rinse thoroughly. Prime the surface with a rust preventative primer as soon as it dries.

**TANNIN RICH WOOD:** Allow to weather until tannins naturally come out of the substrate. Clean tannins from surface. Apply a tannin resistant stain blocking primer prior to painting.

**NEW & BARE SURFACES:** Prime surfaces following recommendations on page 1.

**PREVIOUSLY PAINTED SURFACES:** Remove any peeling, chalky or loose paint, sand to feather edges, and dust clean. Spot prime bare and patched areas. When making a significant color or sheen change, a primer is recommended to aid hide and appearance of the topcoat.

**MOISTURE:** All surfaces should be dry before application. Wood should have moisture content < 15%. Concrete and masonry should be thoroughly cured and have moisture content < 15%. Calcium chloride testing is recommended following ASTM F1869-11. Moisture intrusion behind the coating may cause blistering or peeling. Blistering and peeling caused by moisture intrusion is not a defect of the coating nor covered by warranty.

**STAIN BLOCKING:** When painting over stains or tannins, an appropriate stain blocking primer is recommended before top coating.

**PATCHING & CAULKING:** Caulk and fill cracks, holes, voids, etc. larger than 1/16". Patching and caulking should be allowed to fully dry, then the finish coating system applied. Coating over flexible patch or caulking or in areas with substrate movement may cause cracking of the topcoat.

**MIXING:** Mix well before use. Purchase enough material to complete your project at the same time. If additional material is needed, retain some of the original material and intermix the material before application or touch up.

**THINNING:** Apply at can consistency. 10% water, if needed.

**CONTAINERS AND TOOLS:** Transfer material into a clean container for use. Use new or thoroughly cleaned tools. To avoid contamination, do not re-dip applicators or add used material into containers being used for storage.

### DURING APPLICATION

**TESTING:** Prior to full application, apply a test patch to ensure the preparation and coating system are appropriate for the project. If test patch results do not meet the needs of the project, contact a Monopole representative for recommendations.

**GENERAL PAINTING:** Apply two separate finish coats to create even color, uniform sheen, maximum durability and easier touch-up. Maintain a wet edge while painting.

**COVERAGE:** May vary depending on method of application, porosity and texture of the surface. Measure estimated coverage during the test application.

**FILM THICKNESS:** Always follow recommendations for application thickness on page 1. Over application may reduce performance and can lead to runs, extended dry times, a soft film, or a white haze (clear coatings).

**WEATHER:** Apply product only when material, air, and surface temperature are within the recommendations on page 1 and will remain above that temperature for at least 24 hours. Temperatures must remain 5° above the dew point during application and dry time. Do not expose to rain, fog, snow or any moisture during application or dry time. Limit exposure to heavy moisture for 24-48 hours after application.

**BACKROLLING:** While spraying, follow with a wet roller to ensure an even coat and fill in porous surfaces. This will reduce pinholes, create uniform sheen and make for easier touch-up.

**RECOATING:** Always follow recommendations for recoat times on page 1. Recoating too soon or too long after application may reduce performance and can lead to adhesion loss, improper cure or a soft film.

### AFTER APPLICATION

**DRYING:** Dry times are based on standard conditions of 75°F with a relative humidity of 50%. Lower temperatures or higher humidity may extend drying times. Higher temperatures may speed drying time. Provide adequate ventilation and air movement during and after application.

**STORAGE:** Store material at room temperature in a clean, tightly sealed container free of rollers, brushes, or other outside materials. Protect from freezing.

**CURE:** Architectural coatings require up to 30 days after final application for full cure and maximum performance. Cure times vary depending on environmental conditions and air circulation.

**CLEANING:** Wait until at least two weeks after final application. Clean with fresh water and a cotton cloth. A small amount of mild detergent can be used, if necessary.





# DEX-COAT FLOOR & DECK COATING

## PRODUCT LIMITATIONS:

**Self-Priming:** Dex-Coat Floor & Deck is self-priming over bare, porous surfaces and can be directly applied over previous applications of Dex-Coat Floor & Deck. On bare surfaces, perform a water test to ensure the substrate is absorbent prior to application. Thin the first coat of Dex-Coat Floor & Deck with 10% water for optimal adhesion. Follow all cleaning and preparation instructions prior to use as a self-priming coating. Test self-priming application on a small inconspicuous area prior to completing the entire project to ensure adhesion meets expectations. If adhesion of the test patch does not meet project expectations, use Monobond High Adhesion Primer prior to coating.

**Waterproofing:** Dex-Coat Floor & Deck does not form a waterproofing membrane nor seal inaccessible or below grade areas. It will not bridge cracks or pores larger than 1/16" nor compensate for flawed construction. Exposed walls must be capped and the backside of the free standing or retaining walls must be sealed, flashings must be in place and weep holes and drains installed and functioning (where applicable).

**Moisture Intrusion:** Dex-Coat Floor & Deck is not intended for surfaces that can experience moisture intrusion behind the coating causing hydrostatic pressure. If moisture is trapped behind the coating, Dex-Coat Floor & Deck may blister or peel. This is not a failure of the coating rather an environmental issue with the substrate that needs corrected before coating. Blistering and peeling due to moisture intrusion is common on wood, concrete, masonry, or asphalt surfaces that have not been completely sealed on all sides. If hydrostatic pressure is present in concrete or masonry grind the surface and apply a coat of Monochem Moisture Vapor Barrier prior to painting. Do not paint wood or asphalt exhibiting hydrostatic pressure. Calcium chloride testing is recommended following ASTM F1869-11 to determine if moisture is present in concrete, masonry, or asphalt. Once a surface is moisture free, it is important to properly seal all cracks, holes, voids, or other areas where moisture can enter the substrate prior to painting. The Dex-Coat Floor & Deck warranty does not cover blistering or peeling caused by moisture intrusion.

## PERFORMANCE TESTS:

Elongation	150%
Moisture Vapor Transmission	Excellent
Water & Solvent Resistance	Excellent
Alkali Resistance	Excellent
Abrasion Resistance	Excellent

Fed Spec TT-5-0555A 333 Water Permeability	Pass
ASTM E-95A Water Vapor Permeability	Pass
ASTM C1028 Coefficient of Friction	Pass
American Disability Acts Slip Resistance	Pass

**WARNING!** If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1- 800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

**WARRANTY:** The statements made on this bulletin, product labels or by any of our agents concerning this material are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of other materials and other variables affecting results are all beyond our control, Monopole, Inc., does not make nor does it authorize any agent or representative to make any warranty of MERCHANTABILITY OR FITNESS for any purpose or any other warranty, guarantee or representation, expressed or implied, concerning this material except that it conforms to Monopole, Inc's quality control standards. Any liability whatsoever of Monopole, Inc. to the buyer or user of this product is limited to the purchaser's cost of the product itself.

