



BUILDING TRUST



PRODUCT DATA SHEET

ZAR® NuDECK®

Wood and Concrete Restorative Coating

DESCRIPTION

ZAR® NuDECK® is a water-based paintable solution for damaged and aged wood and concrete surfaces. It creates a new, mildew-resistant on the dry paint film, non-slip surface for wooden decks, docks, pool decks, concrete porches and walkways. ZAR® NuDECK® incorporates elastomeric technology to fill cracks up to ¼ inch and nail holes and locks down splinters on wood surfaces for a beautiful new finish.

ZAR® NuDECK® is for horizontal and vertical surfaces and can be coordinated with ZAR® Solid Color Deck and Siding Stain to complement the color of surfaces such as siding, railings, posts and walls

USES

ZAR® NuDECK® is for horizontal and vertical surfaces and creates a new, mildew-resistant on the dry paint film, non-slip surface for wooden decks, docks, pool decks, concrete porches and walkways

CHARACTERISTICS / ADVANTAGES

- Provides excellent ultraviolet resistance, breathability, and superior adhesion to old wood and concrete surfaces.
- Formulated with an elastomeric resin for superior expansion and contraction.
- Excellent abrasion resistance.
- Fills up to 1/4 inch cracks in concrete, and fills nail holes and locks down splinters on old, weathered wood
- Slip-resistant surface.
- Tintable to 30 solid colors, plus custom coloring.

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PRODUCT INFORMATION

Composition	Acrylic, alkyd, elastomeric blend				
Packaging	Size	PC/Case	Color	Order No.	Old Order No.
	116 FL.OZ.	2	175 Medium Tint Base	831811	17513
	3.17 GAL	1	175 Medium Tint Base	831812	17560
	116 FL. OZ.	2	176 Dark Tint Base	831814	17613
	3.17 GAL	1	176 Dark Tint Base	831815	17660
Appearance / Color	Sheen: Flat <5% @ 60°				
Shelf life	3 years in unopened container				
Storage conditions	Store between 50°F (10°C) and 85°F (29°C). Extreme heat or freezing temperatures can damage the product, causing it to separate or thicken. Avoid freezing. Keep away from direct sunlight.				
Density	Medium Base 12.0 ± 0.5 Dark Base 11.7 ± 0.5				
Wet Film Thickness	13-17 wet mils				
pH-Value	8.0-9.0				
Viscosity	120-130 KU				
Solid content by volume	Medium Base 48.5 ± 1.0% Dark Base 48.4 ± 1.0%				
Weight	Medium Base 63.9 ± 1.0% Dark Base 63.3 ± 1.0%				



APPLICATION INFORMATION

Number of Coats	2			
Coverage	• 100 sq. ft./gal.			
	Note: Actual coverage will vary depending upon the application method, surface texture and porosity, and the condition of the damaged wood or concrete.			
Drying time	To Touch	To Recoat	Light Traffic	Heavy Traffic
	1-2 hrs	3-6 hrs	24 hrs	3-5 days
	Note: Maximum cure and dry time will be prolonged when slightly humid and damp, cool conditions prevail.			

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LIMITATIONS

- Do not apply over clear finishes.
- Caulks containing silicone or other non-cement patching compounds should not be used.
- Do not apply if rain is expected within 24 hours.
- Do not use in areas subject to vehicular traffic.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.



APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Wood: The surface must be clean, dry, and in good condition. Remove all dirt, grease, oil, mill glaze, mildew, and organic growth and sand any loose wood fibers and paint flakes. Secure raised nail heads, deck screws, or loose deck boards. Remove loose splinters and replace severely damaged or rotting boards. Sand glossy paint surfaces to improve adhesion. For synthetic and composite decking material, follow the manufacturer's painting and/or staining recommendations.

Synthetic or composite decking engineered with moisture repellants or sealers may prevent adhesion. Be sure to follow the specific manufacturer's recommendation for painting. Test a small area to determine adhesion.

Cracks greater than 1/4 inch should be filled with an exterior paintable caulk. Clean the surface with a mild household cleaner and water. All mildew (dark, fuzzy or powdery deposits) and organic growth must be removed using the following solution: 1/3 cup heavy-duty laundry detergent to 1 quart household bleach to 3 quarts of warm water. Wear protective eye goggles and waterproof gloves when handling the solution. Apply with a scrubbing brush. Rinse thoroughly and allow to dry before staining.

Concrete: Surface must be clean, dry, and free of dirt, grease, mildew, and organic growth. Remove all mildew, dirt, dust, paint flakes, oil, and grease. New concrete surfaces should be cured for at least 30 days before applying ZAR® NuDECK®. Patch severe cracks (greater than 1/4 inch), pockmarks, and depressions in concrete with a suitable concrete patching compound. Caulks containing silicone or other non-ce-

ment patching compounds should not be used. Concrete should feel rough like sandpaper or have a broomed finish. It will need to be etched with DRYLOK Etch or muriatic acid for highly troweled or extremely smooth concrete.

Remember to rinse any etching solution thoroughly from the surface and let the surface dry. All mildew (dark, fuzzy, or powdery deposits) must be removed with 1/3 cup heavy-duty laundry detergent, 1 quart household bleach, and 3 quarts of warm water. Wear protective eye goggles and waterproof gloves when handling the solution. Apply with a scrubbing brush. Rinse thoroughly and allow to dry before staining. Test concrete porosity by sprinkling a few drops of water onto the surface in several areas. If the water is readily absorbed, you are ready to paint. Additional cleaning and etching are needed if it beads or lies on the surface. Rinse thoroughly with clean water and allow to dry for 24 hours.

WARNING: If you scrape, sand, or remove old paint, 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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead

APPLICATION

Apply only when air and surface temperatures are between 50°-90°F. Avoid applying in direct sunlight. STIR THOROUGHLY before and during application. Do not apply if rain is expected within 24 hours.

When using two or more containers of the same color, mix together to ensure color uniformity. Pour a gener-

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ous amount of ZAR® NuDECK® into a standard paint tray. Using a good quality nylon bristle brush, dab any damaged areas, holes, small cracks, and chips with a brush coated with NuDECK to fill any voids, then feather out the area. Cut in the perimeter, then apply the first coat using slight pressure to push the ZAR® NuDECK® into the surface using a 1/2 inch roller. For a smoother look, use a 3/8-1/4 inch nap roller. Cupped or warped boards will require rolling across the narrow width and then along the length to ensure uniform coverage.

Maintain a wet edge of ZAR® NuDECK® during application. Apply a minimum of 2 coats.

Do not use in areas subject to vehicular traffic. Allow 3-6 hours for the first coat to dry and proceed with the second coat. Additional coats may be necessary depending on the porosity and condition of the substrate. Allow final coats to dry at least 24 hours before foot traffic and 3 to 5 days before placing furniture or heavy objects. Drying time may vary due to weather conditions and paint film thickness.

MAINTENANCE

Areas exposed to harsh sun, weather, or foot traffic will show wear more quickly than other surfaces. If this occurs, clean the affected areas and recoat as necessary.

CAUTION

IRRITANT! HARMFUL IF SWALLOWED. CONTAINS: ETHYLENEGLYCOL. MAY CAUSE EYE, NOSE, AND THROAT IRRITATION. AVOID CONTACT WITH SKIN AND EYES AND AVOID BREATHING OF VAPORS AND SPRAY

MIST. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING.

Use only with adequate ventilation. To avoid breathing vapors and spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, remove to fresh air. If properly used, a respirator (NIOSH approved for organic vapor with P series particulate prefilter) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Wash thoroughly after handling. Close container after each use.

DO NOT TAKE INTERNALLY.

KEEP OUT OF REACH OF CHILDREN.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

SKIN: Wash affected areas with soap and water. Consult a physician if irritation persists.

INGESTION: Give 1 or 2 glasses of water. If individual is drowsy or unconscious do not give anything by mouth. Consult a physician, medical facility or poison control center for advice about whether to induce vomiting.

INHALATION: Remove to fresh air. For additional health and safety information please refer to the "Safety Data Sheet".

CLEANING

Clean up using soap and water.

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LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at www.zar.com or by calling SIKA's Technical Service Department at 1-800-272-3235, option 2. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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