



PRODUCT DATA SHEET

Publication Date: 6-7-2024

DRYLOK® E1 Latex 1-Part Epoxy Concrete Floor Paint

PRODUCT DESCRIPTION

DRYLOK® E1 Latex 1-Part Epoxy Concrete Floor Paint utilizes an Advanced Epoxy Ester Resin fortified formulation for greater protection and durability.

- Resists hot tire pick-up, chemicals, oil, grease, and gasoline stains
- Formulated using Advanced **Epoxy Ester Resin** for a durable finish
- Easy to maintain
- Semi-gloss finish

BASIC USES

Specially formulated to protect and beautify interior and exterior concrete floors, garage floors, basement floors, walkways, and patios.

TECHNICAL DATA

COMPOSITION: Epoxy ester/acrylic blend

SHEEN: Semi-gloss

Surface appearance depends upon condition and porosity of concrete/masonry surface. Highly porous masonry/concrete may require additional coats to achieve full gloss.

% WEIGHT SOLIDS:

238 Platinum: 42.76%

237 Gray: 43.51%

284 Tint Base: 42.46%

DENSITY

(LBS./US GAL.):

238 Platinum: 9.53

237 Gray: 9.62

284 Tint Base: 9.49

VISCOSITY: 80 ± 3 KU



COVERAGE

300–400 square feet per gallon



COATS

Maximum



DRY TIME

4 Hours

Recoat: 4 Hours



CLEAN-UP

Soap and water

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations.



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pH: 8.0-9.0

COLORS:

- Available in Tint Base
- 2 ready mixed colors

DRY TIME:

- To touch: 30 minutes-1 hour
- To recoat: 4 hours
- Light use: 4 hours
- Heavy use: 24 hours
- Vehicular traffic: 5-7 days
- Maximum resistance properties: 3-5 days

Note: Maximum cure and dry time will be prolonged when slightly humid and damp, cool conditions prevail.

COVERAGE:

300–400 square feet (27.87–37.16 m²) per gallon

Note: Actual coverage will vary depending upon application method, surface texture, and porosity.

RECOMMENDED FILM THICKNESS/COAT:

4-5 wet mils/coat

FLASH POINT: n/a

SHELF LIFE: 5 years

FREEZE/THAW: Stable

CONTAINER SIZES: 1 gallon

VOC

Does not exceed 100 g/L

TINTING

Do not add more than 12 fl oz (354 mL) of universal tinting colorant per gallon.

Note: when tinting more than one container, mix containers together to assure color uniformity.

LIMITATIONS

DRYLOK® E1 Latex 1-Part Epoxy Concrete Floor Paint is recommended for light commercial, industrial, and residential floors not coated with a 2-part epoxy.

SURFACE PREPARATION

General Surface Preparation:

Surfaces must be thoroughly clean and free from dirt, dust, grease, oil, soap, wax, concrete curing membranes, and the oily film left by sweeping compounds. Stains on the surface should be removed using a heavy duty detergent until the surface is clean. Rinse thoroughly with clean water and allow to dry completely. If using a pressure washer, do not use a setting above 1750 PSI to avoid damaging the concrete. Surface must be thoroughly dry before painting. To verify the surface is thoroughly dry and free of residual trapped moisture, tape a 1ft. by 1ft. square piece of plastic onto the surface and let stand for 24 hours. If moisture is present on the concrete side of the plastic, the surface has not dried sufficiently. Allow additional drying and retest. Surface porosity is important for proper product adhesion. Before application, test concrete porosity by sprinkling a few drops of water onto the surface in several areas. If water is readily absorbed, you are ready to paint. If it beads or lays on the surface, additional cleaning and etching is required. Refer to "ACID ETCHING INSTRUCTIONS" below.

Old/Weathered, or Previously Painted

Surfaces Preparation:

Remove peeling paint and clean (see "General Surface Preparation" above). Mildew should be removed using a suitable mildew remover. Allow to dry completely. Glossy painted surfaces must be dulled or sanded to improve adhesion. Do not apply to floors previously painted with 2 component epoxy paints/coatings. For bare surfaces that are highly troweled or smooth, acid etching is required. Refer to "ACID ETCHING INSTRUCTIONS" below. Do not etch painted surfaces.

New/Unpainted Surfaces, Garage Floors,

Exterior Concrete Preparation:

New concrete must cure for 30 days. For best results, new concrete should be washed and

scrubbed thoroughly to remove any surface contaminants. Allow to dry completely. All surfaces subject to vehicle traffic, highly troweled or extremely smooth concrete, must be acid etched. Refer to "ACID ETCHING INSTRUCTIONS" below.

ACID ETCHING INSTRUCTIONS

Do not etch painted surfaces. Acid etching will dissolve certain minerals in the top layer of concrete, creating a more porous surface for improved adhesion. To etch concrete, pre-dampen the entire surface then use DRYLOK® Concrete and Masonry Etch & Cleaner according to label directions. Apply until the surface has the look and feel of 150-grit sandpaper. The acid etching process may be repeated until the proper texture is achieved.

Test the concrete's porosity by sprinkling a few drops of water on the surface. If the water droplets do not readily penetrate into the prepared concrete, additional acid etching is required. All residual acid must be removed from the surface. Rinse thoroughly and allow to dry (see "To Check for Trapped Moisture" above) prior to application of the DRYLOK® E1 1-Part Epoxy Concrete Floor Paint.

On areas that have had efflorescence (salt-like deposit) problems or exposure to excess levels of salt compounds, it is recommended that DRYLOK® Concrete Protector be applied according to label directions prior to application of the DRYLOK® E1 1-Part Epoxy Concrete Floor Paint.

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

STIR THOROUGHLY BEFORE AND DURING APPLICATION. Air and surface temperature must be between 50°-90°F (10°-32°C) during application and for a minimum of 4 hours after application. For exterior surfaces, do not apply if rain is expected within 24 hours. Wait for a dry, rain-free period. DO NOT THIN. Apply an even coat using a 3/8" (9.525 mm) nap roller or nylon/polyester brush. Do not paint in direct sunlight or apply to a hot surface. Provide good ventilation for normal drying. Allow first coat to dry 4 hours prior to applying the second coat. High humidity and low temperatures may require longer drying times. The second coat should be applied in a cross direction to the first coat to achieve color uniformity. Do not apply more than 2 coats. When using 2 or more containers of the same color of DRYLOK® E1 Latex 1-Part Epoxy Concrete Floor Paint, mix together to assure color uniformity.

NOTE: Painted surfaces may become slippery when wet. If a slip resistant surface is desired add 2-4 oz. (59-118 mL) of DRYLOK® Non-Skid Texture Additive per gallon to DRYLOK® E1 Latex 1-Part Epoxy Concrete Floor Paint.

IMPORTANT

Floors that are subjected to hydrostatic pressure (water seeping from underneath the floor) or are continually damp cannot be satisfactorily painted with any paint or coating. Moisture on **basement floors** caused by water seeping through masonry walls or through floor-wall joints or cracks must first be eliminated. Use DRYLOK® Fast Plug®, a quick setting hydraulic cement, to fill floor-wall joints or cracks. If the basement floor is subjected to hydrostatic pressure, use DRYLOK® Floor & Wall Masonry Waterproofer to control water. Then, apply DRYLOK® E1 Latex 1-Part Epoxy Concrete Floor Paint per label directions. In addition, outside work may be required to eliminate water infiltration.

DRYLOK® E1 LATEX 1-PART EPOXY CONCRETE FLOOR PAINT

CAUTION

Avoid prolonged contact with skin or breathing of spray mist. Close container after each use.

**KEEP OUT OF REACH OF CHILDREN.
DO NOT TAKE INTERNALLY.
USE WITH ADEQUATE VENTILATION.
KEEP FROM FREEZING.**

FIRST AID

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 advise about whether to induce vomiting.

INHALATION: Remove to fresh air.

WARNING: Cancer and Reproductive Harm
- www.P65Warnings.ca.gov.

For additional health and safety information, please refer to the Safety Data Sheet (SDS).

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COLOR	CONTAINER	NUMBER/CASE	ORDER NUMBER
Tint Base	1 gallon	2/case	28413
Gray	1 gallon	2/case	23713
Platinum	1 gallon	2/case	23813

Note: Color swatches are representative only.



Gray



Platinum



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