

DRYLOK® E1 1-Part Epoxy Floor Paint 50 g/L

MANUFACTURER

UNITED GILSONITE LABORATORIES

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PRODUCT DESCRIPTION

DRYLOK® E1 1-Part Epoxy 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
- UV-resistant semi-gloss finish

BASIC USES

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

LIMITATIONS

DRYLOK E1 is not recommended for floors previously painted with 2 component epoxy paints or for commercial or industrial use.

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%

% VOLUME SOLIDS:

238 Platinum: 33.89%

237 Gray: 34.10%

284 Tint Base: 33.81%

DENSITY (LBS./US GAL.):

238 Platinum: 9.53

237 Gray: 9.62

284 Tint Base: 9.49

VISCOSITY:

80 ± 3 Ku

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.

CLEAN UP:

Soap and water

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

COVERAGE (SQ. FT./US GAL.):

- 300-400 sq. ft./gal.

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:

One gallon (US)

VOC

Does not exceed 50 g/L

TINTING

Do not add more than 12 fl oz of universal tinting colorant per gallon.

SURFACE PREPARATION

The success of your project is dependent upon the degree of surface preparation provided. Surface must be 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 UGL DRYLOK Concrete Cleaner & Degreaser or 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 on a pressure setting above 1750 psi to avoid damaging the concrete. Remember concrete acts like a "stone sponge." Pressure washing and cleaning in general may trap residual moisture in the concrete.

Check for Trapped Moisture: Tape a 12" x 12" piece of 3 mil plastic or aluminum foil tightly on all four edges to the surface. Remove it after 24 hours. If the floor side of the plastic or foil is damp allow additional drying and then repeat the test. A dehumidifier or fan may help to eliminate residual trapped moisture.

The concrete to be painted should have a slight texture, such as the look and feel of medium grit sandpaper or a broom finish. A



DRY TIME:

Recoat 4 Hours



Soap

CLEAN-UP:

Soap and Water



COVERAGE:

2 Coats Maximum



SPREAD RATE:

300-400 Sq. Ft./Gallon

clean, thoroughly dry, broom finished surface is ready to paint. Highly troweled or extremely smooth concrete must be acid etched (see below) or mechanically abraded for proper E-1 adhesion.

New/Unpainted Surfaces, Garage Floors and Exterior Concrete Surfaces: 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. Apply to bare concrete. For surfaces subjected to HEAVY use, highly troweled or extremely smooth concrete, refer to "Acid Etching".

Acid Etching: Acid etching will dissolve certain minerals in the top layer of concrete, creating a more porous surface for improved penetration. To etch concrete, predampen the entire surface then use DRYLOK Liquid Etch according to label directions until the surface has the look and feel of 150-grit sandpaper. The acid etching process may be repeated until the desired texture is achieved.

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. If it beads or lays on the surface additional cleaning and etching is needed. Rinse thoroughly with clean water and allow to dry for 24 hours.

NOTE: Rinse etching solutions thoroughly. Etching solution allowed to dry on the masonry surface will prevent proper penetration and curing of the DRYLOK® E1 Epoxy Floor Paint. Surface must be thoroughly dry. Do not apply to damp surfaces. For exterior surfaces, do not apply if rain is expected within 24 hours. Wait for a dry, rain-free period.

All residual acid must be removed from the surface, rinse thoroughly and allow to dry, (see "Check for Trapped Moisture" above) prior to application of the DRYLOK E1 1-Part Epoxy 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 Floor Paint.

Old Weathered or Previously Painted

Surfaces: Remove peeling paint and clean as above in surface preparation section. 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. Do not etch painted surfaces.

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 above 50°F-90°F during application and for a minimum of 4 hours after application. Do not thin. Apply an even coat using a 3/8" 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 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 1-Part Epoxy 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. of DRYLOK Non-Skid Texture Additive per gallon to DRYLOK E1 1-Part Epoxy 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, and if the basement floor is subjected to hydrostatic pressure use DRYLOK® Clear Masonry Waterproofing to control water. Then apply E1 per label directions. Use DRYLOK® Masonry Waterproofing to seal masonry walls. In addition, outside work may be required to eliminate water infiltration.

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.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

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.

For additional health and safety information please refer to the "Safety Data Sheet".

SPECIFICATION

N/A



E1 1-Part Epoxy Floor Paint

1 GAL. 2/Case23813



Platinum



Gray
23713



Tint
Base
28413

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