



Product Description

DriveDeck D-Guard Base Coat is a solvent-free, non-gassing, two-component polyurea waterproofing coating designed for superior protection in demanding environments. Engineered for pedestrian and vehicular traffic decks, mechanical room floors, and balconies, it offers exceptional durability, fast cure times, and outstanding weather resistance.

As the essential base layer for DriveDeck Pedestrian and Vehicular Traffic Coating Systems, this VOC-compliant formula meets South Coast AQMD standards, ensuring environmental compliance without compromising performance. DriveDeck D-Guard delivers industry-leading performance, ensuring long-term protection and reliability for commercial and industrial applications.

Key Benefits & Application Features

Low Odor & Applicator-Friendly: Solvent-free and low odor, DriveDeck D-Guard is ideal for use in sensitive environments such as hospitals and densely populated urban areas. Its fast-curing two-component formulation minimizes downtime between coats, accelerating project completion.

Superior Waterproofing & Durability: Upon curing, the DriveDeck Traffic Coating System forms a seamless, monolithic membrane, creating a high-performance waterproofing barrier. Designed to withstand vehicular traffic, it protects structures from moisture, salts, chlorides, and other corrosive elements, extending the life of critical sealants, steel reinforcements, and movement joints.

Mixing & Application Instructions

Mixing

1. Pre-Mix Part A: Using a heavy-duty electric power drill with a Jiffy mixer blade (ES model), mix Part A for one (1) minute. Do not use cordless drills, as they do not provide adequate mixing power.
2. Combine Components: While mixing, slowly add Part B (gallon can) into the Part A pail.
3. Thoroughly Mix: Continue mixing for two (2) minutes, ensuring the Jiffy blade moves from top to bottom and along the sides of the pail.

Note: Always mix the full contents as packaged. Do not split into smaller quantities, as this may compromise curing and performance.

Application

1. Ensure the primer is fully cured before applying the D-Guard base coat. Ideal conditions require relative humidity below 75% (RH). The substrate must be clean, dry, and free of contaminants to ensure proper adhesion.
2. Using a notched squeegee, apply DriveDeck D-Guard at a rate of 50 sq. ft./gal (1.23 m²/L) @ 32 wet mils.
3. Immediately back roll with a heavy-duty nap roller to eliminate

pinholes and squeegee lines. Repair any pinholes as they appear.

Note: DriveDeck D-Guard base coat is designed for use with DriveDeck D-Grip top coat. Refer to the DriveDeck D-Prime and DriveDeck D-Grip data sheets and DriveDeck Application Guide for complete application guidelines.

Curing Conditions & Environmental Considerations

Temperature & Humidity: Application should be performed in temperatures between 40°F (4°C) and 90°F (32°C). High humidity (>75% RH) may affect cure rates and adhesion.

Ventilation: Ensure proper air circulation, especially in enclosed areas, to promote even curing and prevent moisture entrapment.

Weather Exposure: Avoid applying in rainy or excessively humid conditions. Protect freshly applied coatings from water exposure until fully cured.

Curing Time: Allow the base coat to cure for at least 4 hours until firm before applying subsequent coating system layers. Do not exceed 24 hours before overcoating.

Limitations

- Must be used over a properly prepared surface.
- Do not proceed with application if precipitation is imminent.
- Surface temperatures must be at least 40°F (4.44°C) and rising and the ambient temperatures must be six Fahrenheit degrees or three Celsius degrees above the dew point and rising.
- Storage temperatures should be between 60°F to 80°F (15.6°C to 26.7°C). Indoor ventilated storage is recommended. Ensure job site storage is in a shaded and ventilated area. Do not store in direct sunlight.
- Refer to SDS for more information.
- Contact a Multicoat technical representative before recommending installation over slab-on-grade, split-slab, or previously coated substrates.



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D-Guard Base Coat

High-Performance Polyurea Waterproofing Solution

TECHNICAL DATA SHEET

Properties: D-Guard Base Coat

Cure Time 77°F (25°C)	3-5 hours
Elongation (ASTM D 412)	600%
Flash Point (mixed) (ASTM D 56)	Above 200°F (93.9°C)
Hardness (ASTM D 2240)	73
Shelf Life	12 months (unopened)
Solids by Weight (mixed) (ASTM D 1353)	79%
Solids by Volume (mixed) (ASTM D 1353)	79%
Tear Resistance (ASTM D 1004)	250 lbs./in.
Tensile Strength (ASTM D 412)	2000 psi
VOC Content (mixed)	<1 g/L
Color	Tan
Coverage	2.0 gal./100 sq. ft. (0.82 L/m ²) 50 sq. ft./gal. (32 wet mils)
* Packaging (5-gal kit)	Part A - 4.0 gal (15.14 L) Part B - 1.0 gal (3.79 L)

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