

OVERVIEW

Dura-Walk 2K Top Coat is a high solids content, two-component, polyurea industrial protective coating. It is designed for use on patio decks, roofs, traffic decks, mechanical room floors, and walking decks where excellent weathering, toughness, fast cure times and solvent resistance are needed. Dura-Walk 2K Top Coat is the aliphatic wear course for the both the Dura-Walk 2K Pedestrian and Vehicular traffic coating systems.

Dura-Walk 2K Top Coat is VOC compliant and meets South Coast AQMD standards.

Low Odor & Applicator Friendly – Dura-Walk 2K Top Coat's low VOC, two component formulation is ideal for odor sensitive applications where a strong, wear coat is crucial to protect the underlying waterproofing membrane. Dura-Walk 2K Top Coat has a fast cure, allowing for multiple applications in a single day. This fast turnaround between coating applications results in increased productivity and overall shortened project duration.

Durable Monolithic Membrane – Dura-Walk 2K Traffic Coating Systems cure to form an extremely tough and resilient membrane that creates a traffic grade waterproofing system to help protect the structure from deterioration caused by moisture, salts and chlorides, and other contaminants brought in by vehicular traffic. The coating helps to protect critical sealants in movement joints as well as steel components and reinforcing integral to the building or structure.

APPLICATION

Surface Preparation – Dura-Walk 2K Top Coat is used as the wear course(s) in the Dura-Walk 2K Traffic Coating Systems over Dura-Walk 2K Base Coat . Refer to Dura-Walk 2K Application Guide and Dura-Walk 2K Base Coat data sheet for more info.

Mixing – Mix Part A liquid for one (1) minute using an electric heavy-duty power drill and Jiffy mixer blade (ES model). Cordless drills are not permitted as they will not properly mix the materials. While mixing, slowly pour contents of Part B quart into the Part A pail. Mix the two components together for two (2) minutes moving the Jiffy blade from top to bottom and along the sides to ensure the product is thoroughly mixed. Always mix entire kit contents together as packaged. Do not break down into smaller quantities.

Top Coat – After the base coat has cured for at least 4 hours, and until firm, and in low humidity conditions (<75% R.H.), apply Dura-Walk 2K Top Coat using a notched squeegee. While coating is still wet, broadcast 16/30 rounded sand aggregate uniformly into wet coating with a seed spreader at a rate of 10-20 lbs/100 sf. Back roll with a heavy-duty nap roller to help avoid pin holes and squeegee lines (repair any pin holes as they occur). Allow the top coat to cure for at least 4 hours, and until firm, before overcoating. Allow finish top coat application to cure for at least 48 hours before permitting traffic. Larger sized aggregate can be used for additional traction in steep ramps (contact Garland technical rep for more info).

PRECAUTIONS

- 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.
- Do not proceed with application if precipitation is imminent.
- 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 Garland technical services before recommending installation over slab-on-grade, split-slab, or previously coated substrates.



Technical Data		Dura-Walk 2K Top Coat
Tensile Strength (ASTM D 412)		3750 psi
Hardness; Shore A (ASTM D 2240)		90
Tear Resistance (ASTM D 1004)		350 lbs./in.
Cure Time 77°F (25°C)	Tack free	2-4 hours
	Traffic ready	48 hours
Solids by Weight (mixed) (ASTM D 1353)		80%
VOC Content (mixed)		<100 g/L
Flash Point (mixed) (ASTM D 56)		Above 116°F (46.6°C)
Shelf Life		12 months (stored properly, unopened)
Elongation (ASTM D 412)		175%
Colors		Pacific Gray, Sidewalk Gray, Rocky Gray, Monterey Sand
Coverage		90 ft ² /gal. at 18 wet mils 100 ft ² /gal. at 16 wet mils 110 ft ² /gal. at 15 wet mils
Packaging (5 gal kit)		Part A - 4.75 gal (17.98 L) Part B - 0.25 gal (0.95 L)

For specific recommendations and coverage rates, please contact your local Garland Representative or Garland Technical Service Department.

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Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. A ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or Garland Corporate Office for more information.

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