

45-2 Dura-Grip™ Walk Surface Grit

Product Description

Dura-Grip™ Walk Surface is an anti-slip coating that provides traction for workers walking the cables after Cableguard™ has been installed.

Typical Sizing : #16

Typical Packaging : 50lb Bags on pallets

Method of Application

Dura-Grip™ Walk Surface MUST BE APPLIED WITHIN 7 DAYS of heating the Cableguard™ wrap. Apply Dura-Grip™ Walk Surface as follows:

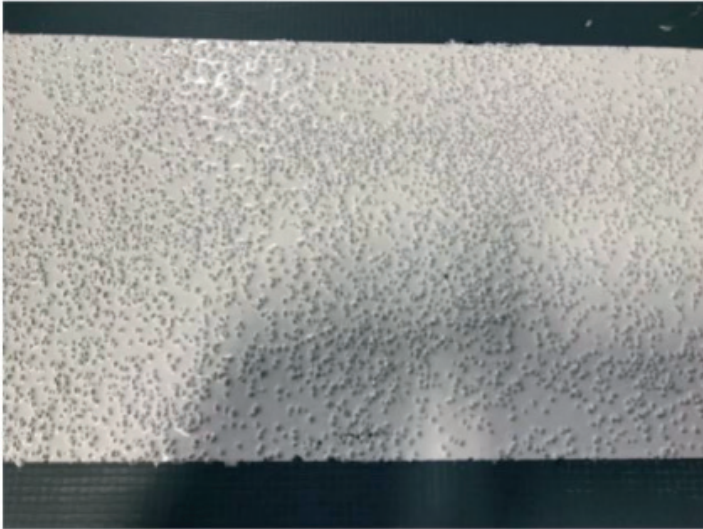
1. Verify proper conditions for the installation
 - The ambient air temperature is between 5°C (40°F) and 43°C (110°F).
 - The ambient relative humidity is between 0% and 90%.
 - Cableguard™ surface temperature is between 5°C (40°F) and 43°C (110°F).
 - Cableguard™ surface temperature is at least 3°C (5°F) above dew point.
 - There is no visible moisture on the area to be coated.
 - The base coat material is between 16°C (60°F) and 43°C (110°F).
 - If stored at temperatures below 5°C (40°F), base coat and top coat must be warmed to room temperature 22°C (72°F) for at least 48 hours prior to application.
 - Thoroughly wipe down the Cableguard™ with xylene where the Dura-Grip™ Walk Surface will be applied.
 - Mask off the area where the Dura-Grip™ Walk Surface is to be applied to ensure a uniform width on top of the cable as required in the job specifications.
2. Install Dura-Grip™ Walk Surface base coat and grit
 - Thoroughly mix the base coat (part number 45-1).
 - Apply a heavy coat with a brush or roller the full width of the Dura-Grip™ Walk Surface in a continuous process between cable bands to maintain a wet edge.
 - While applying the base coat, immediately sprinkle Dura-Grip™ Walk Surface grit (part number 45-2) into the wet base coat at a rate of 732 grams per square meter (GSM) to 976 GSM (0.15 lb/ft2 to 0.20 lb/ft2) (Figure 28). Minimizing grit application on the longitudinal edges of the walking surface provides the best top coat edge bond.



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Completed Dura-Grip™ Walk Surface Installation

3. Install Dura Grip Walk Surface top coat

- Dura-Grip™ Walk Surface top coat should be applied the same day as the base coat and grit. Top coat may be applied once the base coat no longer lifts or strings when touched.
 - A cure accelerator (part number 45-224S) can be used when installing the top coat between 5°C (40°F) and 10°C (50°F). Cure accelerator must be used when installing the top coat below 5°C (40°F). The minimum top coat installation temperature is -7°C (20°F). See table 3 for cure time when using cure accelerator.
 - If same day top coat application is not possible, the top coat can be applied up to 5 days after the base coat and grit if the following conditions are met:
 1. Document the cable section on which the Dura-Grip™ Walk Surface top coat was not installed the same day as the base coat and grit. Record the date of base coat and grit application, cable identification number, and verification that shrink wrap was applied. When the top coat is applied, record the date, ambient temperature, and relative humidity or dew point.

2. The base coat and grit must be tightly wrapped with shrink wrap to keep the surface clean from dirt, debris, and moisture. Shrink wrap must be applied the same day as the base coat and grit, but only after the base coat is no longer tacky.
3. Shrink wrap must be applied from cable low point to cable high point with a 150 mm minimum overlap to prevent dust build up and avoid water intrusion.
4. Shrink wrap must be sealed by taping or other means at the high and low points to keep water out and to prevent the shrink wrap from coming loose. There should be no visible holes in the shrink wrap.
5. After removing the shrink wrap and prior to applying the top coat, verify the surface is dry and free from dust or dirt. Verify proper conditions for top coat installation as outlined in section 1 of the Dura-Grip™ Walk Surface installation instructions. Clean edges of the Dura-Grip™ Walk Surface thoroughly with xylene without removing the base coat.
 - Pre-mix top coat resin with a power mixer at moderate speeds to homogenize the contents.
 - Add top coat cure to resin and mix with a power mixer for 1 to 2 minutes until completely dispersed.
 - Apply the mixed top coat to the base coat and grit with a brush or roller. Apply longitudinally followed by transversely to fill voids.
 - Total top coat thickness must be between 125 µm to 175 µm (5 mils to 7 mils).
 - Pot life of the mixed top coat is 2.5 hours at 20°C (68°F) and 50% relative humidity.
 - Remove masking tape immediately after application of the top coat.
 - If needed, an additional top coat may be applied within the overcoat interval times shown in tables 2 and 3.

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Top Coat Curing Schedule at 125 µm (5 MILS)

Surface Temp	Dry to Touch*	Overcoat Min/Max Interval*	Dry to Handle*
5°C (40°F)	8 hours	3 days to 7 days	3 days
10°C (50°F)	4 hours	48 hours to 7 days	48 hours
21°C (70°F)	2.5 hours	8 hours to 4 days	10 hours
32°C (90°F)	1 hour	4 hours to 12 hours	5 hours

*Assumes 50% relative humidity. Higher humidity levels extend dry times.

Top Coat Curing Schedule with Accelerator Additive at 125 µm (5 MILS)

Surface Temp	Dry to Touch*	Overcoat Min/Max Interval*	Dry to Handle*
-7°C (20°F)	8 hours	16 hours to 4 days	16 hours
0°C (32°F)	4 hours	8 hours to 48 hours	10 hours
10°C (50°F)	4 hours	8 hours to 24 hours	6 hours

*Assumes 1.6 ounces of accelerator additive per top coat gallon kit (part number 45-224S) at 50% relative humidity. Higher levels will extend dry times.

Dura-Grip™ Walk Surface Coverage & Application Rates – Metric Units

Dura Grip Walk Surface Width	Linear Meters per Gallon Kit	Grams of Grit per Linear Meter*
150 mm	61.9 m	134 g
200 mm	46.3 m	179 g
250 mm	37.2 m	223 g
300 mm	31.1 m	268 g
350 mm	26.5 m	313 g
400 mm	23.2 m	357 g
500 mm	18.6 m	447 g
600 mm	15.5 m	521 g

*Grams of grit applied at 878 GSM

Dura-Grip™ Walk Surface Coverage & Application Rates – Imperial Units

Dura Grip Walk Surface Width	Linear Feet per Gallon Kit	Pounds of Grit per Linear Foot*
5.91"	203'	0.09 lbs
7.87"	152'	0.12 lbs
9.84"	122'	0.15 lbs
11.81"	102'	0.18 lbs
13.78"	87'	0.21 lbs
15.75"	76'	0.24 lbs
19.69"	61'	0.30 lbs
23.62"	51'	0.35 lbs

*Pounds of grit applied at 0.18 pounds per square foot



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