



Willamette Valley Company

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Partnering through service,
innovation, and integrity

FastPatch DPR

Distressed Pavement Repair

DESCRIPTION

FastPatch DPR is an easy to apply durable pavement reinstatement material. It is supplied in bulk containers for rapid deployment or kits with everything included for ease-of-use. It is a polymer binder based on a blend of recycled and renewable materials designed to be installed in clean, dry and sound areas. There are color options of Gray, Black, and Tan; topping sand can be applied to provide a textured surface. It can be applied in warm conditions, or in cooler conditions with the aid of FastPatch Kicker accelerator, to form a fast return-to-service reinstatement material. DPR has good adhesion to concrete and asphalt and can be used to permanently repair a wide variety of pavement damage.

WHERE TO USE

- **Roadways** – spalls, wheel paths, approaches/departures
- **Parking Lots** – holes, walkways, broken areas
- **Micro-Trenches** – roadways, joints
- **Warehouses** – floors, spalls, loading areas
- **Sidewalks** – trip hazards, walkways

FEATURES AND BENEFITS

- **Easy-to-Apply** – mix, pour, & finish in minutes
- **Lasting Repair** – excellent adhesion & absorbs impact
- **Open to Traffic Quickly** – reduce traffic interruptions
- **Recycled & Renewable Materials** – sustainable sources
- **Odorless** – 100% solids & suitable for indoor applications
- **Freeze-Thaw Resistant** – long term repair for colder climates

KIT PACKAGING (aggregate included)

FastPatch DPR Kit, 3-gallon (11-Liter), 0.4 cubic ft

BULK PACKAGING

5-gallon (19-Liter) Pail
50-Gallon (190-Liter) Drum
250-Gallon (946-Liter) Tote

COLORS

Gray, Black or Tan (bulk only)

SHELF LIFE

2 years when properly stored.

STORAGE

Store and ship this product in clean, dry, low-humidity, and shaded or covered environments between 50 and 90°F (10-32°C)

TYPICAL PROPERTIES

	Result	ASTM
Solids Content	100%, SCAQMD compliant	-
Hardness	85-90 Shore A	C661
Ultimate Elongation	90%	D412
Ultimate Tensile Strength	≥1,300 psi	D412
Concrete Adhesion	≥200 psi; Primarily substrate failure	D7234
Compressive Strength (mixed with aggregate)	1,200 psi	C579 method B 24hr ambient cure
Compressive Strength (mixed with aggregate)	1,500 psi	C579 method B 7 day ambient cure
Mix Ratio by Volume	1 : 1 polymer A : B 1 : 2 polymer : aggregate*	-
Recommended Application Thickness	≥1/4" (0.635 cm) 4" (10cm) max per lift for bulk	-
Recommended Repair Area for Kits	≤16ft ² (1.49m ²)	-
Application Temp. Range	40 to 105°F (4 to 40°C) **	-

*may vary depending on application method.

1 gallon DPR bulk with 2 gallons glass yields approx. 2.6 gallons of mixed material

**application may be possible outside the recommended range. Contact your WVCO rep. for more information

APPLICATION INSTRUCTIONS

For instructions on how to handle and apply FastPatch DPR from kits please refer to [FastPatch DPR Kit Instructions](#). Details on how to successfully repair distressed pavement with the DPR Kits can be found in the [FastPatch DPR Kit Application Guidelines](#). For applications with WVCO/Pre-Tec metering equipment and/or FastPatch Aggregate Mixer (example: bulk applications for trench repairs), refer to [FastPatch DPR Bulk Application Guidelines](#). Training for the WVCO/Pre-Tec meter can be provided. If you have specific questions related to your dispensing equipment, please contact your WVCO representative or customer support.

ESTIMATED RETURN TO SERVICE

Standard DPR Kits:

Temperature	Working-Time, minutes [with (1) optional Kicker]	Return-To-Service, hours [with (1) optional Kicker]
110°F (43°C)	7 [3]	0.5 [<0.5]
70°F (21°C)	20 [10]	1 [0.75]
40°F (10°C)	60 [40]	3-4 [2-3]

DPR Bulk Applied at Recommended Aggregate Ratio*:

Temperature	Working-Time, minutes [with (1) optional Kicker] {with (2) optional kickers}	Return-To-Service, hours [with (1) optional Kicker] {with (2) optional Kickers}
110°F (43°C)	25 [15] {10}	1 [0.75] {<0.5}
70°F (21°C)	30 [20] {15}	1.5 [1] {0.75}
40°F (4°C)	90 [75] {50}	4 [3-4] {3}

*estimates based on 1 gallon DPR bulk mixed with 2 gallons glass (both conditioned to specified temp.) and cured at ambient (75°F, 21°C) conditions.

ESTIMATED YIELD*

*DPR Yield-volumes are based on mixtures with aggregate at recommended ratio.

	Yield
Per 1 gallon (3.8 liter) bulk DPR material	2.5 gallons (9.5 L) 0.33 cubic foot
FastPatch DPR Standard Kit	2.5 gallons (9.5 L) 0.33 cubic foot
FastPatch DPR Standard Kit with optional gravel addition	3.0 gallons (11.4 L) 0.4 cubic foot

HEALTH AND SAFETY

Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an SDS, please call 800-333-9826 or send an email to: msds@wilvaco.com.

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