DPR

Distressed Pavement Repair

Description

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

Applications

- **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/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
- **Made in America**

Typical Properties

Description	Result	ASTM
Solids content	99.8%, SCAQMD compliant (2 g/l VOC)	D2369
Hardness	85-95 Shore A	C661
Concrete adhesion	≥200 psi; Primarily substrate failure	D7234
Compressive strength (mixed with aggregate)	1,200 psi	C579 method B 24 hour ambient cure
Compressive strength (mixed with aggregate)	1,500 psi	C579 method B 7 day ambient cure

Processing Parameters

Mix ratio by volume	1 : 1 polymer A : B 1 : 2 polymer : aggregate*
Application temperature range	40 to 105°F (4 to 40°C) **
Recommended application thickness	≥1/4" (0.635cm) 4" (10cm) max per lift for bulk
Recommended Repair Area for Kits	≤16ft2 (1.49m2)

*May vary depending on application method
1 gallon DPR bulk with 2 gallons glass yields approximately 2.6 gallons of mixed material
**Application may be possible outside the recommended range; contact your WVCO representative for more information

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Kit Packaging (aggregate included)

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

Bulk Packaging

5 gallon (19 liter) pail

Colors

Gray, black

Shelf Life

Bulk packaging: 1 year when properly stored
Kits: 3 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)

Estimated Return to Service

Standard DPR Kits

Temperature	Working-Time, minutes	Return-To-Service, hours
110°F (43°C)	7	0.5
70°F (21°C)	20	1
40°F (10°C)	60	3-4

DPR Bulk applied at recommended aggregate ratio*

Temperature	Working-Time, minutes	Return-To-Service, hours
110°F (43°C)	25	1
70°F (21°C)	30	1.5
40°F (10°C)	90	4

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

Estimated Yield*

FastPatch® DPR Standard Kit	2.5 gallons (9.5 L) 0.33 cubic foot
FastPatch® DPR Standard Kit, with aggregate/topping sand	3.0 gallons (11.4 L) 0.4 cubic foot

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

Health & Safety

Before handling, you should become familiar with Safety Data Sheet regarding the risks and safe use of this product. To obtain an SDS please email FastPatch@wilvaco.com

Disclaimer of Warranty

Test results are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, no guarantee, warranty, or representation is made, intended, or implied as to the correctness or sufficiency of any information, or as to the suitability of any chemical compounds for any particular use, or that any chemical compounds or use thereof are not subject to a claim by a third party for infringement of any patent or other intellectual property right. Each user should conduct a sufficient investigation to establish the suitability of any product for its intended use. Proper application is the responsibility of the user. As with any product, the use of this product in a given application must be tested (including but not limited to field testing) in advance by the user to determine suitability. Testing is the requirement of both engineers and contractors alike. WVCO does not warrant the application under any or all circumstances.

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