



PROFILL™ FAST PATCH

TECHNICAL DATA SHEET

Polyurethane-alloy repair system designed to repair concrete and masonry substrates

PRODUCT DESCRIPTION

SLABHARD PROFILL™ FAST PATCH is a two component, extremely low odor during installation, liquid applied, polyurethane-alloy for joint filling, non-structural crack repair and patching of concrete and masonry substrates. It is designed to protect the concrete and masonry surface from wear and impact loads, and it will resist freeze-thaw cycling damage and damage from corrosive chemical attack. It can be extended with slurry aggregate for wide and deep repairs or when special colors are required use Sanded Tile Grout Powder, without water. It is VOC compliant in all states and provinces in North America.

COLOR

- Component A Clear and Component B Clear Amber
- Dries to a concrete gray, especially when excess material (overfill) is ground away.
- Pigment with “Sanded Tile Joint Powder” without water.

FEATURES

- Waterproof
- Excellent Abrasion Resistance
- Repairs Can Be Made in Hot or Cold Weather
- Rapid Cure Allows Traffic to Resume in 30 Minutes at 77°F.
- Remains Flexible in a Wide Range of Temperatures

LIMITATIONS

- This product is best suited for applications in temperatures between 50°F to 90°F (10°C to 32°C) and when the humidity is below 90%.

- Higher temperatures will result in shortened working time and faster drying time.
- Color may vary due to batch-to-batch variation, always “box” different batches to avoid color differences.
- Surfaces must be structurally sound, dry, clean and free of foreign matter. Should be used in well-ventilated areas due to its strong odor. Containers that have been opened must be used as soon as possible.
- Do not dilute the liquids under any circumstance, with any substance other than washed, dried and bagged aggregate.

USES

- Hairline Crack Filler (not extended with aggregate)
- Control Joint and Wide Crack Filler, with and without aggregate filler
- Surface Patching with and without aggregate filler
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- Surface Patching with and without aggregate filler

COVERAGE RATE PER GALLON FOR JOINTS AND CRACKS

Installation coverage will vary with application method, width and depth of control joint to be filled. There are 231 cubic inches per gallon of Pro-Fill Fast Patch, with or without aggregate (Theoretical coverage does not address wastage.)

APPROXIMATE YIELD PER GALLON

Manufactured By:

Desert Polymer Flooring, Inc. • 77583 El Duna Ct., Unit-F • Palm Desert, CA 92211
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WIDTH PER INCH	DEPTH PER INCH	LINEAR FEET PER INCH
1/8	1/8	1200
1/8	1/4	600
1/8	1/2	300
1/8	3/4	200
1/8	1	150
1/4	1/8	600
1/4	1/4	300
1/4	1/2	150
1/4	3/4	100
1/4	1	75
1/2	1/8	300
1/2	1/4	150
1/2	1/2	75
1/2	3/4	50
1/2	1	37
1	1/8	150
1	1/4	75
1	1/2	37
1	3/4	25
1	1	19

SURFACE PREPARATION

- Hairline Crack Repair: Remove loose and unsound concrete or masonry. Use crack chaser or diamond grinder. Blow out the cracks with dry compressed air to remove dust.
- Control Joint and Wide Crack Repair: Remove loose and unsound material in the joints and cracks with a diamond grinder and blow the joints and cracks with oil free, dry compressed air.
- Patching: Remove damaged concrete or masonry and patch with Pro-Fill Fast Patch liquid and aggregate. Starting ratio is 1:1, mixed liquid to slurry aggregate, adjust as necessary.

APPLICATION

Pro-Fill Fast Patch should be applied at first in small quantities since it is a rapid setting material. As the installer becomes familiar with the product, they can adjust the amount mixed.

The mix ratio is 1:1 by volume for the liquids and mix liquid 1:1 with aggregate. Both components should be thoroughly mixed prior to adding aggregate. The components are supplied in one-gallon jugs for convenience.

PHYSICAL PROPERTIES @ 77°F (25°C)	
Hardness, ASTM D2240, Shore D	70 - 75
Tensile Strength, ASTM D412	2,000 psi
Ultimate Elongation, ASTM D412, without aggregate	4 ± 0.5%
Compressive Strength, ASTM D695, without aggregate	3,500 psi
Compressive Strength, ASTM C579, with aggregate	4,750 psi
Specific Gravity, Part A	1.14
Specific Gravity, Part-B	0.97
Mixing Ratio by Weight	118:100
Mixing Ratio by Volume	1:1
Viscosity Part A	80 – 90 cps
Viscosity Part B	150 cps
Pot Life, Gallon Mass 80 seconds	60 seconds
Flash Point	300°F

CURING

Pro-Fill Fast Patch is very sensitive to heat and moisture, be sure surface is dry. Higher temperatures and/or high humidity will accelerate the cure time.

Pro-Fill Fast Patch is a rapid cure material that will be completely cured in approximately 5-10 minutes after placement. It can normally be diamond ground with a right-angle handheld machine or with standup walk behind planetary grinder within 30 minutes after placement, with or without aggregate extension.

CLEANUP

Equipment should be cleaned with an environment-ally safe solvent, such as acetone or as permitted under local regulations, immediately after use.

SHIPPING AND STORAGE

Pro-Fill Fast Patch has a shelf life of six (6) months from date of manufacture in original, factory sealed containers. Ship and store between 40°F and 90°F.

WARNING

This product contains Isocyanates.

TECHNICAL SUPPORT

For questions, contact a Desert Polymer Flooring representative.

LIMITED WARRANTY

Desert Polymer Flooring warrants its products to be free of manufacturing defects and that they will meet Desert Polymer Flooring current published physical and chemical properties. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by Desert Polymer Flooring of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Desert Polymer Flooring shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Desert Polymer Flooring shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Desert Polymer Flooring reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third

person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and Desert Polymer Flooring makes no claim that these tests or any other tests, accurately represent all environments.

FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. KEEP CONTAINERS TIGHTLY CLOSED.

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