Technical Data Sheet

PROCRETE® PREMIUM CONCRETE & ASPHALT REPAIR

SELF-LEVELING FOR CRACKS, HOLES & SPALLS

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ISO 9001:2015
Compliant Quality
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Scan to view
ProCRETE instructions

United States
Canada
Mexico
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3.5 Gallon Pail Kit



5 Gallon Pail Kit

PROCRETE PREMIUM CONCRETE & ASPHALT REPAIR is the highest quality 2-component urethane patch kit that will not crack, shrink or lose its adhesion even in severe weather conditions. Fast cure time allows the repair to be open to traffic in 2 hours! The product provides exceptional dimensional stability on large/deep repairs, sloped, or high load bearing areas.

WHERE TO USE / APPLICATIONS

Driveways / Garages / Warehouse floors / Parking structures / Sidewalks / Curbs / Loading and shipping docks / Patios / Decks / Airports / Hotels / Schools / Stores / Brick and stone walls / Steps and more!

FEATURES AND BENEFITS

- Made with the same urethane technology as specified by structural bridge, airport and highway engineers
- Deep patch repair – fill up to 10 feet
- Self-leveling - use for horizontal application
- Remains intact and permanent through freeze/thaw and extreme heat cycles year-after-year
- Drive over ready/return to service as soon as 2 hours
- No cutting, grinding, or priming required

TECHNICAL INFORMATION

Color:	Gray / Black
VOC:	2 g/L as Mixed
Working Time:	Approximately 15 to 20 minutes at 70 °F (21 °C) after mixed
Cure Time/Open To Traffic:	2 hour minimum at 70 °F (21 °C). Higher temperatures will speed up cure; lower temperatures slow down cure.
Water Resistant:	Avoid water until cured
Ideal Application Temperature:	60 to 80 °F (15 to 26 °C). However, fully cured product can withstand temperatures from -40 to 212 °F (-40 to 100 °C) intermittently.
Ideal Storage Temperature:	Store in a clean, dry, low-humidity and shaded environment between 50 to 90 °F (10 to 32 °C).
Shelf Life:	3 years when properly stored between 50 to 90 °F (10 to 32 °C).
Freeze/Thaw Stability - Cured:	Yes
Freeze/Thaw Stability - Uncured:	Do not freeze
Paintable:	Most products designed for coating concrete floors can be used with ProCRETE. Test first to ensure compatibility/adhesion.
Clean up:	Tools can be cleaned with soap and water, or scraped once cured. Wash skin with soap and water.
Max Depth:	Repairs can be up to 10 ft deep. Apply in 2-4 inch layers, allowing each layer to partially cure (so no air is trapped). Do not apply less than 1/4 inch thick.
Apply over coated surfaces:	ProCRETE works over most clean coated surfaces. Test first to ensure compatibility/adhesion.
Bubbling:	If cured repair shows bubbles (loafing) after 24 hours, scrape or sand. Additional layers can be added.
Sloped Repairs:	If repair is a sloped surface, continue to trowel ProCRETE following the angle of the slope until product is completely set.
Step/areas that require forming:	Make a form to hold ProCRETE in place while it sets (use rigid plastic or wood). A wood form must be covered with tape (or a non-stick material) as ProCRETE will adhere to wood. Trowel if needed as it begins to set.

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COVERAGE INFORMATION

Pail Kit	Kit Yield	Coverage
3.5 gallon pail	1.5 gallon (5.6 L)	0.2 cubic feet
5 gallon pail	3 gallon (11.3 L)	0.4 cubic feet

ASTM RESULTS

Description	Result	ASTM
Compressive strength (mixed with aggregate):	1,200 psi 1,500 psi	C579 method B 24 hour ambient cure C579 method B 7 day ambient cure
Concrete adhesion:	≥200 psi - Primarily substrate failure	D7234
Hardness:	85-95 Shore A	C661
Solids Content:	99.8% - SCAQMD compliant (2 g/L VOC)	D2369
Viscosity:	Part B: 900 cps (77 °F, 25 °C) Part A: 300 cps (77 °F, 25 °C)	D4878

DIRECTIONS AND APPLICATION NOTES

Before handling or applying any product, read the Safety Data Sheet. Wear safety glasses and gloves while handling kits. For best results, condition kits to approximately 60 to 70 °F (15 to 21 °C) before using. Kits are designed for single use. Do not divide.

SURFACE PREPARATION:

STEP 1: Surface to be repaired must be older than 28 days, structurally sound, CLEAN and DRY (moisture will prevent bonding). Remove loose particles or previously repaired materials. Brush/scrape area clean or blow with compressed air. If area to be repaired contains oil or grease, clean and dry thoroughly before patching.

MIXING:

STEP 2: Remove all items from bucket except for the aggregate.

STEP 3: Tear corner of **SIDE A** and pour directly into the bucket with aggregate and mix thoroughly for **3 minutes** with a drill mixer. A 14” or larger egg-beater style drill mixer capable of ≥400 RPM is recommended. **OPTIONAL:** For asphalt repair, add black pigment pouch to **SIDE A** and aggregate mix.

STEP 4: Add contents of **SIDE B** into the mixture. Mix for 2 minutes. Scrape sides and bottom. Then, mix for **an additional minute**.

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DIRECTIONS AND APPLICATION NOTES *Continued*

FILLING THE REPAIR:

STEP 5: After mixing, immediately pour/trowel into the repair area. Spread product with trowel so that it is level with surrounding surface. NOTE: Working time is approximately **15 to 20 minutes** at 70 °F (21 °C).

CAUTION: The mixture of resin and hardener produces heat.

ADDING TOPPING SAND (Optional):

STEP 6: To add topping sand, wait approximately **5 to 10 minutes** after pouring the repair. The surface of the repair should still be tacky. Disperse the topping sand over the repair and allow the curing process. If temperature is warmer than 70 °F (21 °C), apply topping sand sooner.

HEALTH AND SAFETY

Before working with this product, read and become familiar with information concerning hazards, proper use and handling.

To request a Safety Data Sheet, please email sds@eclecticproducts.com.

⚠ **WARNING:** This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

LIMITED WARRANTY

The product is warranted against any defect in materials or workmanship under normal use for a period of 180 days after the date of purchase. The product is also warranted under any implied warranties provided under applicable law, including, without limitation, the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, for a period of 180 days after the date of purchase. The manufacturer will not accept liability for more than product replacement. This warranty covers only the original buyer of the product. For warranty service, the buyer should contact the store where the product was purchased, or write Eclectic Products LLC, P.O. Box 4450, Pineville LA 71361 or call 800.767.4667. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. This warranty gives you specific legal rights, and you also have other rights, which vary from province to province.