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PG-3

Grout Coat & Spall Repair



Product Description

Ameripolish® PG-3 is a rapid-set, high strength low viscosity polyurea repair material. This two-part, 1:1 system is 100% solids and designed for rebuilding and repairing broken control joints, filling voids under tile and concrete, and repairing spalled concrete surfaces very quickly. Ameripolish® PG-3 is intended for use in damaged control joints or warehouse spall damage created by forklifts or carts with steel or hard urethane wheels.

Features

- Rapidly sets & produces high strength
- Self-priming and self-leveling
- Can be mixed with dry aggregate/sand
- Rebuilding control joints
- Traffic area spalls & crack repairs
- Fill & repair spall before coating
- Used to "knit" cracked slabs
- Fill voids under concrete or tile

Uses

Ameripolish® PG-3 is ideal to be used on:

- Concrete floors with pitting, holes, cracks, or surface irregularities

Dilution & Coverage

Mix 1 part Ameripolish® PG-3 Part A – Liquid to 1 part Ameripolish® PG-3 Part B – Liquid. Measure out equal parts of Ameripolish® PG-3 Part A & Part B and mix thoroughly.

Ameripolish® PG-3 coverage varies considerably from floor to floor.

- PG-3 system will typically cover 500-1000 sq ft per 2 gallon kit.

Preparation

Surface should be clean and free and completely dry prior to application. Surface must be free from oil, dust, dirt, grease, laitance, and other bond inhibiting contaminants.

Application

Product Specification

Application:	Trowel or Spring Blade / Cartridge
Appearance:	Amber Liquid / Gray Liquid
VOC:	0 g/l
Shelf life:	2 years
Solvent:	Solvent-Free

Packaging Specification

Product #	Shipping Wt.	Container
PG3-10Gal-Kit	19 lbs	PG-3 Part A - 5 Gal PG-3 Part B - 5 Gal
PG3-2Gal-Kit	94 lbs	PG-3 Part A - 1 Gal PG-3 Part B - 1 Gal



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Ensure the material is conditioned to a minimum of 70°F before applying.

For bulk applications, separately measure equal amounts of "A" and "B" into two plastic mixing containers. Combine both measured portions of "A" and "B" into a third plastic mixing container labeled for safety and stir thoroughly for at least 20 seconds.

Spalls/Cracks: Clean the surface by removing any debris or contaminants that might interfere with the bonding of PG-3. For optimal results, expose a clean, rough concrete surface.

For larger spalls, cut a vertical edge at least 1/4" deep around the spall's perimeter. Use a HEPA vacuum to remove dust and ensure the repair area is dry.

If the crack is deep, apply the product in layers, starting from the bottom of the crack and working upwards. First, apply the product, then sprinkle sand over it, and continue this layering process until the desired level is achieved.

Filler: The sand used as filler should be low in moisture content, with a grit size between 12 and 60. For larger spalls, pea gravel may be used. You can also incorporate concrete dust, unsanded grout, or other cement-based materials like underlayment or overlays if needed.

Grinding to Finish: Let Ameripolish® PG-3 cure for approximately 45 minutes, or until it hardens. For spall repairs, use a flexible grinding wheel to grind the surface flush. When using Ameripolish® PG-3 as a filler before polishing, it can be ground away with transitional or low-grit resin diamonds on a stand-up grinder.

Cleanup

Uncured Ameripolish® PG-3 cleans up with water. Cured PG-3 must be removed by mechanical means.

Storage

- Store upright in safe dry place at 45-100°F (7 -38°C)
- Keep liquid from freezing

- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

VOC Compliance

Ameripolish® PG-3 contains 0 g/l VOCs.

Warning & Safety Information

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. BEFORE USING THIS PRODUCT PLEASE READ THE SAFETY DATA SHEET IN ITS ENTIRETY! Safety Data Sheets (SDS) can be found online at www.ameripolish.com or upon request by contacting Ameripolish at 1-800-592-9320.

Warranty

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. Claims must be made in writing and received within one year from date of product sale to original buyer. Sole remedy shall be replacement of product proven defective.