

PERK!™

Enhanced Polyaspartic Aliphatic Coating

MANUFACTURER

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PRODUCT DESCRIPTION

PERK is an enhanced, two part, 100% reactive, high solids, non-yellowing polyaspartic coating. It is available in clear and pigmented colors, and can be used with quartz aggregate or vinyl chip to produce an exceptionally durable and attractive seamless coating that can be placed in less than half the time necessary for comparable epoxy coatings. Key benefits of this product are a fast, dual curing feature, wide temperature installation, a simple one-to-one mixing ratio, and exceptional durability over popular epoxy coatings.

Utilizing state of the art polyaspartic chemistry, **PERK** jumps the use of thin film coatings into the next generation. Fast curing makes **PERK** a most competitive and alternative flooring option with many decorative colors and finishes.

PERK is a low viscosity, easy to handle protective concrete coating that gives a very high gloss, non-yellowing finish that is both hard and abrasion resistant, but not brittle. **PERK** is easy to clean and has excellent resistance to a broad range of chemicals. It is very fast curing and may be used in temperatures as low as -30° F.

PERK was developed as a fast curing base coat and top coats that may be placed in a number of color and finish options, including clear, pigmented, decorative color chip (**PERK Confetti**) or decorative mixed color quartz (**PERK Quartz**), allowing most installations to be completed within one day, even at low temperatures. Typical uses include garage floors, automotive repair facilities, factories, retail space, mechanical rooms, and maintenance shops. **PERK** may be applied in both interior and exterior applications.

Important characteristics of **PERK** include: excellent concrete penetration and bond strength, UV resistance, excellent color gloss retention and exceptional abrasion resistance.

FEATURES & BENEFITS

- Unique, fast dual curing for rapid turnaround of projects
- Attractive color and texture finishes
- Excellent color and gloss retention
- Excellent chemical and stain resistance
- Resists hot tire pickup
- Three times better abrasion resistance than epoxy coating

ESTIMATING

PERK is a two component product. Equal quantities of both Component A and B will be shipped.

PERK products are available as follows:

- **PERK Clear:** 2 gallon kit (7.56 liters),
10 gallon kit (38 liters)
- **PERK VIBRANCE Color:** 2 gallon color package
(components A and B and high performance pigment tint pack)
- **PERK special color mix:**
Perk Confetti Chip 55 pound box (25 kg)
Perk Quartz 50 pound bags (20.7 kg)

Coverage/Usage

1) PERK VIBRANCE:

2 coats of pigmented Perk, 300-400 sq ft/gal (7.5-10 M²/L)
1 coat of clear PERK 400-500 sq ft/gal (10-12 M²/L)

2) PERK CONFETTI (vinyl chip):

Base coat, pigmented, 300-350 sq ft/gal (7.5-9 M²/L)
Broadcast coat, clear, 500 sq ft/gal (12 M²/L)
PERK CONFETTI, 55 lb box, (1.5 kg/M²L) 400 sq ft/box
First clear topcoat, 175 sq ft/gal (4.5 M²/L)
Optional 2nd clear topcoat, 300 sq ft/gal (7.5 M²/L)

3) PERK QUARTZ (colors):

Base coat, pigmented, 300-350 sq ft/gal (7.5-9 M²/L)
Broadcast coat, clear, 500 sq ft/gal (12 M²/L)
PERK QUARTZ, 50 lb box, (1.2kg/M²), 250 sq ft/box
First clear topcoat, 175 sq ft/gal (4.5M²/L)
Second clear topcoat, 200 sq ft/gal (5M²/L)

SEE COLOR CHART FOR SPECIFIC COLOR OPTIONS



Technical Data

Applicable Standards:

VOC Compliant (special odorless, VOC free Perk 100 formula available for SCAQMD California projects)

USDA approved for incidental food contact

Typical properties:

Mix ratio by volume	1:1
Solids Volume, Minimum	70 %
Viscosity cps25
Pot Life	25 – 30 Minutes
Tack Free	1 hour
Open to light traffic	2 hours
Re-coat time	up to 48 hours
Full Chemical Resistance	72 hours
Gloss	+80
VOC Mixed, Perk	320 grams/liters

INSTALLATION

Surface preparation: All concrete surfaces must be structurally sound, clean, oil-free and dry. **All surfaces must be mechanically ground to a 50 to 120 grit level to a Concrete Surface Profile of SP-2 as measured by ICRI Standard 03732.** Do not shot blast. Do not acid etch. Moisture in concrete, as measured by conventional methods, must not exceed 3 pounds per 1000 square feet per hour. Relative humidity in concrete surface should be 80% or less. Do not apply to concrete less than 28 days old.

Old and existing concrete: Remove existing coatings, oils, greases, dirt and other contaminants from surface. Fill holes, cracks, non-moving joints and deteriorated areas with fast setting PERK RESTORE floor repair, mechanically grind to remove existing coatings, heavy laitance or protrusions which will interfere with the uniform penetration of PERK.

New Concrete: Allow concrete to cure a minimum of 28 days before application. Mechanically remove surface laitance, curing compounds, sealers or other contaminants.

Mixing: 1) Add pigment tint pack to gallon container of Component A and mix with slow speed electric drill until thoroughly mixed. Do not hand stir pigment. 2) For both pigmented and clear applications, equal quantities of Component A and B must be mixed together, slowly adding component B into the A side, while **hand mixing** to minimize air induction. Mix only enough which can be applied in 20 to 30 minutes.

Application: Uniformly apply pigmented or clear base coat of PERK to a clean dry, porous concrete surface by airless sprayer, foam squeegee or roller at the rates specified. Roller covers should be made of a solvent resistant, phenolic core, 3/8 inch synthetic or lambs wool nap. If a pigmented PERK system has been chosen always apply the pigmented coat as the first (base) coat. After the first coat cures to the touch, apply the second coat at the specified rate. For pigmented, colored floors, second coat will be pigmented as well. For colored PERK

Confetti or PERK Quartz, the second coat (Broadcast coat) will be clear, not pigmented.

For PERK Confetti chip or PERK Quartz floors, cast chip or quartz immediately into clear Broadcast coat to insure adhesion. After broadcast coat has set to the touch, remove excess chip and quartz per separate instructions, and apply first clear topcoat to the surface to seal in the chip and grout in the quartz media. PERK Quartz floors require an additional final coat of clear PERK. A second topcoat is optional on PERK Confetti floors.

FOR BEST RESULTS

Apply only to frost-free, oil-free and thoroughly cleaned surfaces. Surface must be mechanically ground. Do not shot blast. If more than 48 hours elapses between coats, the first coat must be lightly sanded in order to insure proper inter-coat adhesion. **PERK** is designed to be applied at a very wide temperatures application range. Lower temperatures and low humidity will slightly extend the cure time of this material. New concrete must be a minimum of 28 days old. **PERK** will not yellow upon exposure to sunlight. **PERK** becomes a vapor barrier after curing. Not recommended as a top coat for exterior decorative stamped concrete. Periodic reapplications are recommended for continued long term protection and to maintain appearance.

PERK is to be used **ONLY** by professional contractors. Not recommended for use by untrained personnel.

PRECAUTIONS

PERK contains aromatic solvents. Consult the MSDS of each component material for proper handling and more detailed information. Wear protective gloves, goggles and clothing when handling PERK components. Prolonged exposure may cause skin irritation, dermatitis or other allergic reactions. Mix well in ventilated area. Do not breathe excessive fumes. Do not apply near HVAC intake vents and occupied areas.

Combustible: keep away from heat of open flame.

STORAGE/SHELF LIFE⁰

PERK containers are to be kept tightly sealed and stored at 50⁰–90⁰ F. (10⁰–35⁰ C). Temperature condition material at 50⁰ – 70⁰ F for 24 hours prior to use. Shelf life in original, unopened containers is 12 months..

SHORT SPEC

097650: Special flooring: Water borne concrete dye. To be applied by trained installers. Observe all safety precautions. Limited warranty. “L&M PERK” by L&M Construction Chemicals, Inc. Omaha, NE.

Related Spec Sections:

033600 Special Concrete Finishes

039300 Concrete Rehabilitation

WEBSITE

L&M's convenient internet website offers instant access to Tech Data Sheets, Material Safety Data Sheets, product updates, and other useful information. Visit www.lmcc.com and follow the easy steps. L&M is ready to respond to your concrete information needs - anytime - anywhere!

LIMITED WARRANTY

This product is warranted to be free of defects in material and workmanship, and conform to L&M Construction Chemicals ("L&M") quality control standards. All recommendations, statements and technical data herein are based on 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 or guaranty of any kind, expressed or implied including but not limited to, an implied warranty of merchantability or an implied warranty of fitness for a particular purpose. Satisfactory results depend upon many factors beyond L&M's control. User shall rely on his or her own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from his or her direct use, indirect use or consequential to their use of the product. L&M shall not be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use or inability to use the product. L&M's sole responsibility shall be to replace that portion of the product which proves to be defective. Any warranty claim must be made within six (6) months from the date of the claimed breach. This limited warranty applies only if the product was properly installed and used according to all instructions and was properly stored prior to use.

For Professional Use Only.

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