



PERK! RESTORE™

DS-177.8-1214

A product brand of LATICRETE International, Inc.



1. PRODUCT NAME

PERK! RESTORE™

2. MANUFACTURER

LATICRETE International, Inc.

1 LATICRETE Park North

Bethany, CT 06524-3423 USA

Telephone: +1.203.393.0010, ext. 235

Toll Free: 1.800.243.4788, ext. 235

Fax: +1.203.393.1684

Website: www.lmcc.com

3. PRODUCT DESCRIPTION

PERK! RESTORE is a fast setting, low odor, two-component advanced polymer resin designed for patching and repair of concrete. PERK! RESTORE has a very thin consistency and high bonding strength allowing it to penetrate deep into concrete and create a tenacious bond for a permanent repair. PERK! RESTORE quickly sets and can be scraped within 30 minutes to repair worn, spalled and cracked concrete.

Use

Restore is commonly used to patch small or deep spalls, pop-outs, to reconstruct damaged joint walls, and to fill joints and cracks in concrete. Restore can also be used for hairline cracks and nail holes, to prepare concrete floors for coatings, overlayers or cement based toppings and for mechanical polishing.

Advantages

- Low viscosity, self-priming
- Rapidly repairs cracks and shallow spalls
- Ideal for quick turnaround
- Low Odor Formula, Zero VOC
- Does not become brittle over time
- Can be used as a liquid or mixed with selected aggregates
- High impact and wear resistance
- Works in cold applications below 0°F

Suitable Substrates

- Existing concrete

Packaging

20 Oz (600 ml) dual cartridges with static mixing nozzle

2 Gal (7.6 L)

10 Gal (37.9 L)

Approximate Coverage

One gal (3.8 L) of material when combined with 2 gal (7.6 L) of sand (volume) makes 500 in³ (8195 cm³) of mortar. Added to 3 gal (11.4 L) of sand/pea gravel makes 650 in³ (10,651 cm³). For cracks, 100 linear feet (30.5 m) at 1/4" (6 mm) wide and 2" (50.8 mm) deep per gallon (3.8 L) is a good estimate. Standard color, medium gray. Other colors available upon request.

Shelf Life

Keep containers tightly sealed and stored at 50-90°F (10-32°C). Shelf life in unopened containers is 12 months.

Limitations

- PERK! RESTORE should not be used in cracks or joints where further structural movement of the concrete is expected
- Use only dry aggregate
- Moisture will cause repair to swell
- May discolor upon continued exposure to UV light

Cautions

- Please refer to product Safety Data Sheet (SDS) before using
- Avoid contact with skin, eyes and clothing
- Wash thoroughly after handling
- Do not take internally
- Wear skin and eye protection

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

4. TECHNICAL DATA

PERKI RESTORE™	
Mix ratio by volume (neat) A:B	1:1
Solids Volume	100%
Color	Medium Gray
Odor	None
Pot Life	3-4 min
Tack Free	10 min
Open to traffic	15 min
Compressive Strength w/aggregate	5000+ psi
Viscosity	10 cps
VOC mixed	0.0 g/L

Specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet 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. Satisfactory results depend upon many factors beyond the control of LATICRETE International, Inc. User shall rely on their 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 their direct use, indirect use or consequential to their use of the product. LATICRETE shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

5. INSTALLATION

Cracks and spalls should be free of any loose contaminants or any material that will impede bond with the concrete. Concrete should be dry. Use diamond wheel or twisted wire wheel brush to prep these areas. Material is mixed at a one-to-one ratio, part A into part B. Pot life of mixed material is about 3-4 minutes. If hand mixing, mix only small quantities. One quart of mixed material is a recommended starting amount depending upon conditions. Can be used without aggregate for small and shallow repair.

Two to four parts of sand can be added to the two parts of liquid (1A:1B). The amount of sand depends upon its fineness (fine sand less). For deep repair pea gravel can be added up to 2 parts. When doing a repair, keep the batch wet (not dry/stiff). You can always sprinkle sand over the repair if it puddles. The material will raise slightly above grade if there is moisture, smooth to grade level. Allow to cure about 30 minutes, then grind/polish the surface.

6. AVAILABILITY AND COST

Availability

L&M™ and LATICRETE® materials are available worldwide.

For Distributor Information, Call:

Toll Free: 1.800.243.4788

Telephone: +1.203.393.0010

For on-line distributor information, visit LATICRETE at

www.lmcc.com.

Cost

Contact a LATICRETE Distributor in your area.

7. WARRANTY

See 10. FILING SYSTEM:

DS 230.13 LATICRETE Product Warranty

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the LATICRETE Technical Service Hotline:

Toll Free: 1.800.362.3331

Telephone: +1.203.393.0010, ext. 235

Fax: +1.203.393.1948

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at www.laticrete.com.

10. FILING SYSTEM

Additional product information is available on our website at www.laticrete.com. The following is a list of related documents:

DS 230.13 LATICRETE Product Warranty