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Pentra-Guard™ (HPNL)

# Restorer® (CHEMICAL POLISH)

## High-Gloss Protective Stain Treatment

### Concrete, Finished Stone & Terrazzo

Delivers Rapid Shine Development with Increased Abrasion and Stain Protection

#### MANUFACTURED BY

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#### TECHNICAL SERVICE

(254) 918-2310



extraordinarily friendly



lithium treatments

Go Green

## Restores the “Wet Look” to Polished or Finished Concrete Floors.

#### ADVANTAGES

- Quickly and easily repair micro-scratches and light scratches
- Renew dull (non-etched) surfaces to a bright finish.
- Micro-Impregnating protective treatment resists stains and wear

#### DESCRIPTION

A lithium-fortified High-Gloss (CHEMICAL POLISH) treatment that delivers rapid shine development with increased abrasion resistance and stain protection.

This environmentally friendly formula provides a lustrous gloss that protects against stains and surface wear, prolonging the life of the floor.

Whether you're looking to revitalize older concrete or to create enhanced shine and luster with new concrete, this micro-impregnating protective treatment will renew and revitalize dull (non-etched) surfaces to a bright high-gloss finish. This easy-to-use treatment is tough, mark-resistant, fast drying and exceptionally glossy when burnished with diamond-impregnated pads. Restorer is versatile enough to be used with all polished concrete, terrazzo, finished stone, and tile surfaces that have dulled or lost reflectivity.

Restorer® (CHEMICAL POLISH) High-Gloss and Protective Stain Treatment is formulated using (HPNL) Nano Lithium™ hybrid polymer technology for extreme gloss, excellent wear properties and extended life through a dual cross-linking system. The reactive chemistry means greater protection and greater gloss with less labor. Treated surfaces will have increased durability and improved stain and scratch resistance. The treatment helps restore damaged finishes by filling in scratches and scuffs. This product meets CSMA floor polish slip resistance requirements employing ASTM test method #D 2047.



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### PACKAGING SIZES AVAILABLE

1 Gallon Container, 5 Gallon Pail, 55 Gallon Drum and 275 Gallon Tote.

### TYPICAL COVERAGE RATES

Single coat applications 1,500 sq. ft. per gallon (37.50 m<sup>2</sup> per liter)

Re-coat applications 2000-3000 sq. ft. per gallon (60-90 m<sup>2</sup> per liter)

**NOTE:** Use two applications for the following profiles:

Low Reflectivity 250-400 grit profiles (1,500 sq. ft. first application / 2000 sq. ft. second application).

Medium Reflectivity 800 grit profiles (2000 sq. ft. first application / 2500 sq. ft. second application).

Single application for High Reflectivity 1500+ grit profiles (2500 sq. ft. first application / 3000 sq. ft. second application).

### GENERAL DIRECTIONS

Use on floors that do not require honing and grinding (mechanical polishing). For previously polished surfaces or ordinary finishes that are in good or excellent condition, 250 grit finishes and above will get exceptional results that are stunning in appearance and superior in performance. For floors that are pitted, deeply scratched and/or stained we recommend grinding and polishing with resin-bonded abrasives prior to treating the surface with Restorer. This will provide a clear, lustrous, wet look.

### APPLICATION INSTRUCTIONS

1. Deep scrub the floor with a ceramic black pad.
2. Determine condition of the floor.
  - If no grinding or polishing is required simply dust mop floors to remove surface grit. For best results auto-scrub with pH neutral cleaner and deep scrub with a ceramic black pad.
  - If substrate surface is damage or pitted consult your Norton representative to determine what resin grit is needed.
  - If the floor is in medium condition, use a 1500+ rpm ultra high-speed machine burnishing with either a coarse or a medium diamond-impregnated pad or combination using the coarse then the medium pads.
3. Mix, shake or stir thoroughly before applying.

4. Choose from 12-24" microfiber application pads. Pad selection based on:
  - Size of application area
  - Applicator's relative comfort level with application system
5. Apply Restorer® using a clean, pre-dampened microfiber pad and applicator. Apply at a rate of 1500-3,000 sq. ft. per gallon depending on the surface profile, spreading material thinly and evenly so as to completely cover the substrate. We recommend coating 20 x 20' sections at a time, maximum.
6. Allow to dry for 10 to 15 minutes. (You will want to burnish / buff coating within 10-15 minutes of drying.)
7. Burnish/buff with high-speed machine (1500-2100rpms) using a fine/ultra fine diamond-impregnated pad.
8. Repeat steps 4 & 5 depending on the surface profile and desired gloss levels. Repeated applications build a stain resistant microfilm over the substrate. DO NOT over apply. It is critical to apply very thin multiple coats. If applied too thickly it will cure improperly and discolor, whiten, leave streaks and/or applicator marks.
9. DO NOT to clean or scrub the surface for 72 hours (no moisture contact) to prevent the possibility of "whitening" or discoloration.  
\*\* See PDS directions and MSDS for complete usage and safety instructions.

### SAFETY

This product is nontoxic and non-hazardous, but it is an alkali. Care should be taken to prevent children from coming into contact with any chemicals. In case of eye contact flush with running water for 15 minutes. For ingestion, give milk, water or any non-alcoholic liquid and contact your physician immediately.

- Restorer is specifically designed for use with floors that have been previously densified.
- Regular intervals of diamond pad burnishing / buffing will help to maintain floors. Burnishing will revive the high-gloss and wear protection properties of the treated surface.

### CLEAN UP

Use water to clean tools and equipment. Restorer® treatments are environmentally friendly and require no special or hazardous disposal methods.



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## MAINTENANCE

Routine sweeping, mopping, washing and mechanical scrubbing of floors with neutral pH cleaners/water is recommended. DO NOT USE acidic or citrus cleaners or cleaners containing butoxyethanol to maintain the floor.

## PROFESSIONAL USE ONLY

Building Service Cleaning Professionals and Industrial Flooring Contractors only. Not for sale or resale to the general public. Must be applied by trained or certified contractors and / or licensed field service specialists.

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## HEALTH AND SAFETY PRECAUTIONS

Restorer® (CHEMICAL POLISH) High-Gloss and Protective Stain Treatment is an aqueous Lithium silicate solution that uses proprietary compounds. The treatment is alkaline and may cause eye and skin irritation. KEEP OUT OF THE REACH OF CHILDREN. Do not take internally. Avoid prolonged contact with skin. Avoid ingestion of material. If swallowed, do not induce vomiting – Call physician. Avoid contact with eyes. Protective clothing is recommended. Protective goggles are recommended in case of splashing. If splashed in eyes, wash immediately with clean water and call physician if irritation persists. Contact areas should be thoroughly washed with soap and water. Additional precautions, safety information and first aid treatments are contained in the Material

Safety Data Sheet. Restorer® (CHEMICAL POLISH) will bond to most surfaces - immediately wash off over spray with water and mild detergent. CAUTION: Surfaces wet with Restorer® (CHEMICAL POLISH) may be slippery.

## FOR MEDICAL EMERGENCIES ONLY

Call Infotrac (800) 535-5053 Outside USA (352) 323-3500

## WARRANTY

LIMITED WARRANTY NOTICE Every reasonable effort is made to apply Convergent Concrete Technologies, LLC. exacting standards both in the manufacture of our products and in the information that we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, Convergent Concrete Technologies MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and Convergent Concrete Technologies shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the Convergent Concrete Technologies Research Director. This information and all further technical advice are based on Convergent Concrete Technologies' present knowledge and experience. However, Convergent Concrete Technologies assumes no liability for providing such information and advice including the extent to which such information and advice may relate to existing third party intellectual property rights, especially patent rights. In particular, Convergent Concrete Technologies disclaims all WARRANTIES, WHETHER EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. CONVERGENT CONCRETE TECHNOLOGIES SHALL NOT BE RESPONSIBLE FOR CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES (INCLUDING LOSS OF PROFITS) OF ANY KIND. Convergent Concrete Technologies reserves the right to make any changes according to technological progress or further developments. It is the customer's (Authorized Applicator) responsibility and obligation to carefully inspect and test any incoming goods. Performance of the products) described herein should be verified by testing and carried out only by qualified experts. It is the sole responsibility of the customer to carry out and arrange for any such testing. Reference to trade names used by other companies is neither a recommendation, nor an endorsement of any product and does not imply that similar products could not be used.

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