

Pentra-Finish™

(HG) Advanced High-gloss Stain and Wear Protection Finish

Convergent Concrete Technologies, LLC.

Specialty Chemical Concrete Treatments

115 North 1380 West
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www.convergentconcrete.com



nanoLithium

Patented Technologies by Advan

Nano-Lithium® (NL) Concrete Treatment

PRODUCT DESCRIPTION

Pentra-Finish™ (HG) is a patented, high-gloss, stain and wear resistant finish that improves the shine, hardness and chemical resistance of concrete, natural stone, terrazzo, masonry, and other surfaces. Pentra-Finish™ (HG) is lithium water-based, and dries quickly to a clear, extremely hard micro-coating that bonds and reacts with the substrate. Formulated using reactive silicon hybrid polymer technology (SiRE)™ for rapid shine development and excellent wear properties, this treatment replaces floor waxes and conventional resin based coatings.

Because of its unique chemistry, Pentra-Finish™ (HG) will not lift or peel from the surface, and periodic recoating requires no stripping. Pentra-Finish™ (HG) is non-toxic, non-hazardous, and VOC compliant in all areas of the world.

This treatment can be used in conjunction with a high-speed burnisher to provide superior clarity and improved stain resistance. It will enhance the appearance and extend longevity of polished, integrally colored, dyed, and stained concrete.

KEY BENEFITS

- Prolongs shine of polished concrete
- Delivers rapid gloss with increased abrasion and stain resistance
- Keeps dirt and contaminants from penetrating
- User friendly, dries in minutes with low odor
- This product will not alter the profile of a surface
- Forms a protective microfilm that is breathable, hard, and will not peel or flake
- Reduces maintenance and cleaning costs
- Re-application is simple and requires no stripping
- Safe for food contact per SGS Testing (21 CFR 175.300)
- VOC compliant, may contribute to LEED points (IEQ credit)

Customer Service:

Call 1-866-375-2280

Visit our website:

www.convergentconcrete.com

Or scan the code:**USES**

Grocery Stores, Universities, Museums, Churches, Resorts, Fire Stations, Aircraft Hangars, Automotive Dealerships, Shipping Terminals, Vehicle Maintenance Areas, Office Buildings, Healthcare Facilities, Cafeterias/Restaurants, Correctional Institutions, Retail & Shopping Centers, Schools, Stadiums, Veterinary Clinics, Common Areas, Laboratories, Lobbies, Mechanical Rooms, Mezzanines, Manufacturing Facilities, Warehouses, Storage, Distribution Centers, Food Processing Plants, Textile Mills, Wastewater Treatment Plants, Pharmaceutical Plants, Electronic Facilities, Cold Storage/Freezers, Beverage Bottling Plants, Chemical Processing Plants, etc.

APPLICATION

Apply only when temperatures will be above 40°F (4°C) for at least 2 hours following application.

Deep clean the surface with an auto scrubber to remove any dirt, laitance, curing compounds or coatings that may prevent Pentra-Finish™ (HG) from penetrating. Do not use citrus or acidic cleaners. If acidic or d-limonene cleaners have been used, neutralize the surface using an alkaline cleaner (TSP, Tide laundry detergent, etc.).

Do not over mix or bubbles and/or foaming can occur and make uniform application more difficult.

Do not overapply. Very thin coats are best. Apply Pentra-Finish™ (HG) using a microfiber pad that has been pre-dampened with the product. Using a low pressure sprayer, spray lightly and then spread material thinly and evenly using a microfiber pad. Backpack applicator systems are recommended because they increase application efficiencies and reduce labor. For best results, use joint lines as starting and stopping points. Do not over-work material into the surface- spread it and leave it. Allow each application to dry at least 30-60 minutes between coats or before using.

Second applications will improve sheen and stain protection. Buffing with a high-speed burnisher (1500-2100 rpm) and a hog's hair pad between coats is recommended and will speed curing and improve shine. Do not cover treated surfaces for at least 1 week as protective coverings may slow curing and cause some whitening by trapping moisture.

Do not allow traffic on surface until it is dry- typically 30-60 minutes.

**Before application, always do a small test sample in a less-visible area to be sure there are no variables or contaminants in the substrate that may be incompatible with this product.*

ESTIMATED COVERAGE

1st coat: 1,500-3,000 ft² per gal (36.8-73.6 m² per liter)

2nd and subsequent coats: 3000-4000 ft² per gal (73.6-98.2 m² per liter)

*Coverage rate will vary with concrete porosity and environmental conditions.

CLEAN UP

Use soap and water to clean tools and equipment. Although Pentra-Finish™ (HG) is non-toxic and environmentally safe, it is alkaline. Use up or dry out extra material and dispose of according to local regulations. Do not pour into sewer systems or storm drains.

MAINTENANCE

Routine sweeping, mopping, washing and mechanical scrubbing of floors with water and Pentra-Clean™ (CR), Pentra-Clean (DC)™ or neutral pH cleaners is recommended. Plain water is sufficient for most environments. DO NOT USE cleaners that are acidic or that have citrus (d-Limonene) or Butyl compounds. Consult a Convergent Concrete Representative for further information.

Technical Service

Customer Care:

Toll Free 866-375-2280
or 801-375-2280

Email:

info@convergentconcrete.com

Web:

www.convergentconcrete.com

For Chemical/Medical Emergencies:

Infotrac 800-535-5053
Outside USA 352-323-3500

SAFETY/HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN.

Do not drink. If swallowed, do not induce vomiting; drink two glasses of water and call a physician. Wear goggles and gloves. If splashed in eyes, rinse eyes immediately with clean water and call a physician if irritation persists. Clean skin with soap and water. CAUTION: Surfaces wet with Pentra-Finish™ (HG) may be slippery.

Additional precautions, safety information and first aid treatments are contained in the Safety Data Sheet.

PROPERTIES

Form: Liquid

Color: White, dries clear

Odor: Slight ammonia-like odor

Total Solids: 21.4%

Specific Gravity: 1.06

pH: 11-12

V.O.C Content: <50g/L

Flash Point: N/A

Freeze Point: 32°F (0°C)

Shelf Life: 1 year in unopened, sealed container

PACKAGING

1-Gal Jug • 3.79 L

5-Gal Pail • 18.93 L

55-Gal Drum • 208.20 L

275-Gal Tote (IBC) • 1040 L

LIMITATIONS

Pentra Finish™ (HG) will not hide stains. Pentra-Finish™ (HG) is chemically resistant and helps reduce staining, but some compounds, especially acids, may damage the surface. Pentra Finish™ (HG) will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces. This product will not alter the profile of a surface. Not suitable for asphalt, non-cement surfaces or painted surfaces.

If Pentra Finish™ (HG) comes into contact with glass, fabric, metal, or painted surfaces, immediately wipe contaminated surfaces with a damp cloth, then wipe dry with a second clean cloth.

Make certain the most current versions of the Pentra Finish™ (HG) Product Data Sheet and SDS are being used. Call Customer Service (1-866-375-2280) or visit our website (www.convergentconcrete.com) to find additional tips, guidelines and specifications. Proper application is the responsibility of the user. Field visits by Convergent Concrete Personnel are for the purpose of making technical recommendations only and not for supervising or providing quality control on the job site.

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WARRANTY

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Refer to www.convergentconcrete.com for latest Technical Data Sheet and MSDS.

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