



# Pentra® -Guard (HPM) High Gloss Stain & Refurbishing Treatment (for Restoring and Maintaining Polished Surfaces)

Convergent Group S.A.

Specialty Chemical Concrete  
Treatments Commercial

Products Group  
Zoning Industriel de Mariembourg  
Rue des Mousquetaires Gris, 35  
B-5660 Mariembourg  
Belgium - Europe  
Office: +32 60 390 752  
Fax: +32 60 390 751

[www.convergent-group.com](http://www.convergent-group.com)

  
**nanoLithium**  
Patented Technologies by Advan  
Nano-Lithium® (NL)  
Concrete Treatment  
[www.nano-lithium.com](http://www.nano-lithium.com)



## PRODUCT DESCRIPTION

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. **Pentra®-Guard (HPM)** High Gloss Stain & Refurbishing Treatment both cleans and restores surfaces, delivering rapid shine development when burnished with diamond-impregnated pads with increased abrasion resistance and stain protection. This easy-to-use treatment is tough, mark-resistant, fast drying and versatile enough to be used with all polished concrete, terrazzo, finished stone and tile surfaces that have dulled or lost reflectivity. The treatment helps restore damaged finishes by filling in scratches and scuffs. Regular use of this product keeps floors looking great day after day, leaving floors conditioned, dry and spotless

## KEY BENEFITS

- Repairs scuffs and marks without build-up
- Improves gloss and shine by renewing the surface
- Increases durability of concrete finishes
- Extends the life of floor finishes by repairing scuffs and marks
- Labor-saving: Just micro-fiber mop down and high-speed burnish / buff when dry
- Will not yellow or discolor with age
- Neutral pH chemistry does not affect floor finish when recoating

**CUSTOMER SERVICE:**

(+32 60 390 752) to verify the most current versions, visit our website: [www.convergent-group.com](http://www.convergent-group.com) or scan the code.

**USES**

**Pentra®-Guard (HPM)** is designed to clean and restore the “wet look” to existing floor finishes. **Pentra®-Guard (HPM)** is a specially formulated blend of inorganic Nano Lithium™ hybrid polymers that work like magic to bring new life and luster to dulled and worn floors. Use HPM on a regular schedule to keep your floors looking their very best and to maximize the life of your finish. Depending on traffic, a weekly or monthly use of HPM will maintain the highest possible shine. Proper floor finish selection is critical to this system’s success. This product provides a fast and safe way to improve the gloss and shine of concrete floor finishes. Treated surfaces will have increased durability and improved stain and scratch resistance. HPSM helps restore damaged finishes by filling in scratches and scuffs.

This product meets CSMA floor polish slip resistance requirements employing ASTM test method #D2047

**APPLICATION**

**Pentra®-Guard (HPM)** is specifically designed for use on floors pre-treated with Pentra Guard (HP) Pentra Guard (HPS) or Pentra Finish (HG) .

Regular intervals of diamond pad burnishing / buffing will help maintain treated floors. Burnishing will revive the high gloss and wear protection properties of the treated surface.

**APPLICATION SCHEDULE:**

Floors subject to moderate to heavy foot traffic should be cleaned once a week. Medium traffic floors should be buffed two times per month. Light traffic floors should be buffed once a month or as needed.

**APPLICATION INSTRUCTIONS**

1. Dust and/or mop floors to remove surface grit. For best results auto-scrub with pH neutral cleaner and red pads.
2. Apply **Pentra®-Guard (HPM)** water solution using a clean, pre-dampened micro-fiber pad and applicator. Apply at a rate of 200 to 250 SqM<sup>2</sup> per liter.
3. Allow to dry for 10 to 15 minutes.
4. High-Speed Burnish/buff when dry. Use 1500+ rpm ultra-high speed machine burnishing with diamond pads.
5. Do not clean or scrub the surface for a 12 hour period (no moisture contact) to prevent the possibility of “whitening” or discoloration.

## ESTIMATED COVERAGE

Coverage Rate: 75-100 m<sup>2</sup> per liter

NOTE: Coverage will vary depending on density, porosity and profile texture.

## CLEAN UP

Use soap and water to clean tools and equipment. Although **Pentra®-Guard (HPM)** 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 neutral pH cleaners/water is recommended. DO NOT USE acidic or citrus cleaners or cleaners containing butoxyethanol to maintain the floor.

## FINAL RESULTS

IMPORTANT: Avoid moisture for 72 hours. Do not allow standing water for 14 days. Do not place protective plastic sheeting, rubber matting, rugs or furniture that can prevent proper drying. Covering the surface can retard curing and result in a cloudy or whitening effect. Light pedestrian use is allowable within 30-60 minutes, vehicle traffic after 2 hours. Maximum performance may take up to 14 days to develop, depending on temperature and humidity. Finish will reflect images from side and overhead lighting. The high gloss finish will look wet and show mirror-like reflections of side and overhead images.

## SAFETY/HEALTH INFORMATION

KEEP OUT OF REACH OF CHILDREN. **Pentra®-Guard (HPM)** is an aqueous lithium silicate solution that uses proprietary compounds. The treatment is alkaline and may cause eye and skin irritation. 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. **Pentra®-Guard (HPM)** will bond to most surfaces—immediately wash off contaminated areas with water and mild detergent.

CAUTION: Surfaces wet with **Pentra®-Guard (HPM)** may be slippery.

## PROPERTIES

Milky white, aqueous solution

Active Ingredients:	100% of total solids
Specific Gravity:	1.02
pH:	11
Flash Point:	None
Freeze point:	32°F(0°F)
Abrasion Resistance:	excellent

## PACKAGING

20 L Basket

200 L Drum

600 L Tote

1000 L Tote

## LIMITATIONS

FOR PROFESSIONAL USE ONLY

Use on interior surfaces only. Protect from freezing. Agitate before use. Do not allow standing water to dwell on surface for 7 days following application. Do not allow traffic on surface until it is dry—typically 30-60 minutes. **Pentra®-Guard (HPM)** will not bridge or fill cracks, and will not salvage honeycombed or structurally unsound surfaces.

**Pentra®-Guard (HPM)** quickly bonds to most surfaces including metal, wood, glass, and paint. Protect adjacent surfaces. Remove overspray quickly with a damp cloth and soap. Always do a test patch before beginning the job to verify coverage, appearance and surface material variations.

**TECHNICAL SERVICE**

Customer Care  
+32 60 390 752

**EMAIL**

technical@convergent-group.com

**WEB**

www.convergent-group.com

**For chemical/medical emergencies only,**

Anti Poison BE +32 70 245 245  
Outside USA 352-323-3500

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Refer to [www.convergent-group.com](http://www.convergent-group.com) for latest Technical Data Sheet and MSDS.

Convergent Group S.A. - Specialty Chemical Concrete Treatments \* ZI de Mariembourg \* Rue des Mousquetaires Gris, 35 \* 5660 Mariembourg  
\* Belgique (Europe) \* +32 60 390 752

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