



Pentra -Guard[®]

(EXT) Exterior Surface Hardening
and Protective Sealer

Convergent Concrete
Technologies, LLC.

Specialty Chemical Concrete
Treatments

115 North 1380 West
Orem, Utah 84057
United States of America

Office: 801-375-2280

www.convergentconcrete.com

PRODUCT DESCRIPTION

Pentra-Guard[®] (EXT) is an eco-friendly, exterior sealer for concrete, masonry and stone surfaces. It seals and protects against dirt, grime, salt and oil damage while enhancing natural color and shine. This inorganic/organic hybrid Nano-Lithium[®] treatment creates a breathable, protective clear micro-film that is abrasion resistant and will not flake or peel. Pentra-Guard[®] (EXT) cures quickly and provides a hard, glossy, wet look finish to any exterior cementitious or inorganic stone surface. This low odor, non-yellowing, lithium-based solution is VOC compliant and easy to apply.

KEY BENEFITS:

- Enhances the color of concrete, masonry, and stone surfaces
- Provides premium "wet look" finish
- Adds durability and protection
- Rapidly cures with little-to-no-downtime
- Forms a protective microfilm that is breathable and will not peel or flake
- Can be reapplied or recoated without stripping
- Functions as anti-graffiti and stain protection for vertical and horizontal surfaces
- Reduces maintenance and cleaning costs
- VOC compliant, may contribute to LEED points (IEQ credit)



nanoLithium

Patented Technologies by Advan

Nano-Lithium[®] (NL) Concrete Treatment

Customer Service:

Call 1-866-375-2280

Visit our website:

www.convergentconcrete.com

Or scan the code:**USES**

Stamped Concrete, Parking Garages, Fire Stations, Walls or Vertical Surfaces, Sidewalks, Driveways, Decks, Loading Docks, Stadiums, Storage, Foyers, Pedestrian Walkways, Monuments, Cast-in-Place Concrete, Pavers, Bricks, Precast Brick, Natural Stones, Stone Veneers, Decorative Concrete, Colored Concrete, Exposed Aggregate, etc.

APPLICATION

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

Clean surface to remove any dirt, laitance, curing compounds or coatings that may prevent Pentra-Guard® (EXT) from penetrating the surface. 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.).

Mix well before use.

On rough surfaces, use a low-pressure sprayer to apply Pentra-Guard® (EXT) evenly on the surface and spread out any puddles with a soft bristle broom. 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 allowing foot traffic.

On smooth surfaces, do not overapply. Very thin coats are best. Apply Pentra-Guard® (EXT) 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. 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 allowing foot traffic.

The surface is ready for use when dry.

**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

Machine-troweled: 800-1000 ft² (19.6-24.5 m² per liter)

Broom-finished: 300-500 ft² (7.4-12.3 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-Guard® (EXT) 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

Clean with Pentra-Clean™ (CR) or neutral pH cleaners and reapply Pentra-Guard® (EXT) as needed. Consult a Convergent Concrete Representative for further information.

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-Guard® (EXT) may be slippery.

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

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

PROPERTIES

Form: Liquid

Color: White, dries clear

Odor: Slight ammonia-like odor

Total Solids: 29.6%

Specific Gravity: 1.08

pH: 11-12

VOC Content: <50g/L

Flash Point: N/A

Freeze point: 32°F(0°)

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

Subsequent coating with paint or other material will not adhere well to this product and is not recommended.

Pentra-Guard® (EXT) will not bridge or fill cracks and will not salvage honeycombed or structurally unsound surfaces.

If Pentra-Guard® (EXT) comes into contact with glass, fabric, or metal, 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-Guard® (EXT) 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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