



PERMAGUARD™ PLUS Topcoat

DS-36604-0220

**Globally Proven
Construction Solutions**



Advantages

- 250% Stronger protection*
- No hot tire pickup
- Easy mixing, user friendly application
- Attractive gloss finish
- Increased abrasion & chemical resistance
- Good abrasion resistance
- Low VOC, low odor
- Low maintenance

*Per ASTM D4060 when compared to competitive garage paint coatings

Suitable Substrates

- Concrete (Interior Only)

Packaging

2.5 Car Garage Kit - 115 fl.oz. kit (3.4 L)

- Part A: 27.1 fl.oz. (801 mL) in a 1 qt can
- Part B: 88.1 fl.oz. (2.6 L) in a 1 gal can
- Traction Additive in 8 fl.oz. (236 mL) bag
- Stir Stick
- Instruction Manual

Approximate Coverage

Application	WFT	DFT	Coverage
Topcoat over previously coated floors	5-6 mils (0.13-0.15 mm)	2.5-3 mils (0.06-0.08 mm)	400-500 ft ² /gal (9.8-12.3 m ² /L)

Coverage values are approximate and will vary based on surface condition, preparation methods and application technique.

Shelf Life

Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored at temperatures >32°F (0°C) and <95°F (35°C). Do not allow to freeze

1. PRODUCT NAME

PERMAGUARD™ PLUS Topcoat

2. MANUFACTURER

LATICRETE International, Inc.
1 LATICRETE Park North
Bethany, CT 06524-3423 USA

Toll Free: 1.877.379.8531
Fax: +1.203.393.1684
Website: permaguardgaragecoatings.com

3. PRODUCT DESCRIPTION

PERMAGUARD PLUS Topcoat is a two component, water based epoxy floor coating. It provides an attractive clear gloss, seamless finish when used as a topcoat over previously coated floors. Optional traction additive can be used to increase the slip resistance.

Available Products

- 9829-0002-1 PERMAGUARD PLUS Topcoat
- 2.5 Car Garage Kit - Clear Gloss

Uses

- Garage Floors
- Basement Floors
- Workshop Floors
- Utility Room Floors
- Light Duty Flooring

Limitations

- For interior applications only. Not designed for exterior use.
- Do not apply to concrete with moisture issues. (>3 lbs per 1,000 sqf over a 24 hour period)
- Substrate, material and ambient temperature must be between 60°F (16°C) and 85°F (29°C)
- Substrate temperature must be 5°F (3°C) above the dew point
- Ambient relative humidity must not exceeds 90%

Cautions

- Thoroughly read all technical data sheets, application guidelines, warranty disclaimers and Safety Data Sheets (SDS) prior to use. Visit permaguardgaragecoatings.com for additional installation videos, FAQs and tips.
- Wear protective gloves, protective clothing and eye protection.
- Keep out of reach of children.

4. TECHNICAL DATA

VOC/LEED Product Information

< 100 g/L (as intended for use)

Working Properties

Property	Value
Mix Ratio	Pre-Measured Units
% Solids	Approx. 50% by volume
Application Temperature	60°F - 85°F
Working Time	60 minutes
Minimum Re-Coat Time	24 hours
Maximum Re-Coat Time	72 hours
Foot Traffic	24 - 36 hours
Vehicular Traffic	72 hours

Based on 75°F & 50% RH. Changes in ambient conditions may cause times to vary. Full cure and physical properties may not be attained until 7 days from application.

Specifications subject to change without notification. Results shown are typical but reflect test procedures used. Actual field performance will depend on installation methods and site conditions.

5. INSTALLATION

Surface Preparation - Newly Coated Floors

When using as a topcoat over floors freshly coated with PERMAGUARD PLUS, apply within 24-72 hours. No additional surface preparation is required if within re-coat window. Ensure that the coating is dry and will accept

foot traffic. The surface should be free of dust and other contaminants.

Surface Preparation - Previously Coated Floors

PERMAGUARD PLUS Topcoat may be applied directly to previously coated epoxy floors. Existing epoxy coating should be sound and well adhered to the substrate. Use a wire brush to remove any loose or peeling sections. Sand and scuff the entire area to be coated. When complete, surface should have a dull appearance with no gloss.

PERMAGUARD PLUS Topcoat cannot be applied to floors which were previously sealed. To test for the presence of sealers, perform a water drop test on multiple areas of the floor. Be sure to test the perimeter and middle of the floor. To perform water drop test, apply droplets of water to the surface of the concrete. Watch for the presence of beading. If water droplets remains and water is not absorbed within 2-3 minutes, mechanical profiling (shot blasting or grinding) is required.

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Mixing

Components are provided in pre-measured units. Pour entire contents of Part A into the Part B can, scraping sides to ensure no material remains. Thoroughly mix Part A and Part B by hand for 2-3 minutes until a uniform appearance and consistency is achieved. If using multiple kits, mix only one unit at a time.

If increased traction is desired, use provided traction additive. Add one packet, 8 oz (227 g), to mixed unit. Mix until evenly dispersed. Traction additive may settle over time and require periodic mixing during application. Additional PERMAGUARD Traction Additive may be used for increased slip-resistance.

Application

Once mixed, material may be applied by 1/4" nap roller or brush. Immediately after mixing, pour mixed material into a paint tray. Begin by using a brush or small roller to cut around the perimeter and any penetrations, columns, and any other obstructions. Work backward out of the room coating in small 4' x 4' (1.2 m x 1.2 m) sections. Evenly work the material over the surface until completely covered. Move quickly and coat the entire surface within the stated working time.

Allow material to cure for 24 hours prior to foot traffic and 72 hours prior to vehicular traffic.

If desired, for increased gloss and durability, additional coats of PERMAGUARD PLUS Topcoat may be applied within 24-72 hours.

6. AVAILABILITY AND COST

Availability

LATICRETE materials are available worldwide. For on-line distributor information, visit LATICRETE at permaguardgaragecoatings.com

7. WARRANTY

See 10. FILING SYSTEM:

- DS 230.13: 1 Year Product Warranty

8. MAINTENANCE

The long term performance, appearance, and life expectancy of wear surface products are critically dependent upon a good routine maintenance program. PERMAGUARD floor coating systems are nonporous, causing dirt and contaminants to remain on the surface. The use of properly placed mats, inside and outside, will help increase the life of the floor. Recommend maintenance program consist on frequent sweeping of debris from the surface and thorough cleaning utilizing a neutral pH cleaner (i.e. STONETECH Stone & Tile Cleaner). Frequency of sweeping and washing will vary depending on floor usage type, traffic and age.

9. TECHNICAL SERVICES

Technical Assistance

Information is available by calling the PERMAGUARD Technical Service Hotline:

Website: permaguardgaragecoatings.com
Toll Free: 1.877.379.8531
Fax: +1.203.393.1948

Technical and Safety Literature

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

10. FILING SYSTEM

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

DS 36602: PERMAGUARD Plus
DS 36609: PERMAGUARD Epoxy Patch
DS 36610: PERMAGUARD Cleaner and Degreaser
DS 36611: PERMAGUARD Moisture Seal and Concrete Densifier

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