PERMAGUARD Moisture Seal and Concrete Densifier

DS-36611-0220

Globally Proven Construction Solutions

- Non-combustible. No flammable solvents

Suitable Substrates
- Concrete
- Concrete and Brick Masonry
- CMU
- Cement Block

Packaging
Moisture Seal and Concrete Densifier: 1 gal (3.8L) bottle

Approximate Coverage

Surface Finish	Coverage
Rough Slab Finish	200-250 ft^2/gal (4.9-6.1 m^2/L)
Smooth Slab Finish	250-400 ft^2/gal (6.1-9.8 m^2/L)

Coverage values are approximate and will vary based on surface condition, preparation methods and application technique. Porous slabs or areas where sealer absorbs quickly will require addition coats.

1. PRODUCT NAME
PERMAGUARD Moisture Seal and Concrete Densifier

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

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3. PRODUCT DESCRIPTION
PERMAGUARD Moisture Seal & Concrete Densifer internally seals concrete floors and walls by reacting with free alkali in the slab to form a hydrogel, sealing capillaries and permanently inhibiting the passage of moisture. At the same time, it increases the strength and hardness of the concrete wear surface. Safe for use prior to applying coatings, including PERMAGAURD MAX and PERMAGUARD PLUS.

Uses
- Internally seal concrete from moisture
- Densify existing concrete slabs

Advantages
- Penetrates concrete to internally seals concrete from moisture
- Increases concrete strength & hardness
- Safe to use prior to coating

Shelf Life
Factory sealed containers of this product are guaranteed to be of first quality for one (1) year if stored at temperatures >35°F (2°C) and <100°F (38°C). Protect from freezing.

Limitations
- Substrate, material and ambient temperature must be between 40ºF (4ºC) and 100ºF (38ºC)
- Protect from freezing

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

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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 - Concrete
Surfaces to be coated must be free of grease, oils and any other contaminants that may impede penetration of the sealer. For areas which requiring additional cleaning, use PERMAGUARD Cleaner & Degreaser. Multiple washings may be required to remove tough spills and stains. Sweep floor to remove any dust and large debris.

Application:
Shake well before using. Do not dilute or alter. Apply PERMAGAURD Moisture Seal using a low pressure pump sprayer with fan tip. DO NOT use on tile or glass surfaces.

Horizontal Surfaces: Apply in a consistent spray pattern moving across the space from left to right, overlapping 50% on each pass. Immediately after application, apply a second application in an up and down pattern overlapping 50% on each pass. Avoid over application and pooling. After second application, excess product on the surface must be removed with a broom, brush or squeegee to avoid crystallization on the surface. Porous slabs or areas where product absorb rapidly, may require additional coats.

Vertical Surfaces: Apply to the point of refusal starting from the top moving in a left to right pattern, overlapping 50% on each pass. Immediately after first application, apply a second coat. Apply only as much material as the surface will readily absorb. Avoid over application and pooling. After second application, excess product on the surface should be removed with a broom, brush or squeegee to avoid crystallization on the surface. Porous slabs or areas where product absorb rapidly, may require additional coats.

Once the second application has absorbed, remove any excess material with a broom, brush or squeegee and mist the surface with clean water. Allow the surface to dry to the touch and apply a second mist of clean water.

Wait a minimum 12 hours prior to coating. For areas with high moisture vapor transmission, wait 72 hours.

Clean Up: Rinse with clean water.

6. AVAILABILITY AND COST
Availability
LATICRETE materials are available worldwide.
For on-line distributor information, visit LATICRETE at
dYfa U[i UfX[UfU[YWc Uħjb[g"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 ÚÒÜT Œ ÕWŒÜÖ Technical Service Hotline:

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    Fax: +1.203.393.1948

Technical and Safety Literature
To acquire technical and safety literature, please visit our website at **dYfa U[i UfX cbWYhYWc Uħjb[g.com.**

10. FILING SYSTEM
Additional product information is available on our website at]^¦{ æ̃ ˘ æå å * æåæã^&[æã̃ *•.com. The following is æÁ̃ã õ{ -Á^¦æ^å Ádocuments:

- DS 36605: PERMAGUARD MAX
- DS 36602: PERMAGUARD PLUS
- DS 36610: PERMAGUARD Cleaner & Degreaser
- DS 36609: PERMAGUARD Epoxy Patch