



## **NEXTSEAL**

### **One Application Concrete Sealer**

#### **PRODUCT DESCRIPTION:**

Lauzon NextSeal is a multi-functional topical sub-floor barrier. It is guaranteed to protect Lauzon wood flooring against damage due to moisture emissions migrating through the sub-floor. It is applicable to a wide variety of sub-floors: concrete, terrazzo, plywood, OSB and radiant heated surfaces. It protects Lauzon wood flooring products against damage from excessive moisture emissions migrating through the sub-floor. These warranties are applicable to Lauzon glue-down, or Lauzon floating floor installations. The Microban® antimicrobial product protection also resists the growth of mold, mildew and odors at the sub-floor level. NextSeal is an excellent primer and surface binder/hardener to protect against adhesive release from the sub-floor. It is economical, and easily applied with a short nap paint roller in a one-coat application. Under normal conditions Lauzon wood flooring can be installed the following day. NextSeal meets all environmental regulatory standards.

#### **PRODUCT LIMITATIONS/WARRANTY EXCLUSIONS:**

##### ***Product Limitations:***

- Lauzon NextSeal will not stop moisture from transmitting through expansion joints or structural cracks in concrete and terrazzo, or from gaps between sheets of plywood or OSB. Expansion joints, structural cracks and gaps in all sub-floors must be filled and sealed with a flexible urethane caulk/adhesive prior to application.
- Lauzon NextSeal will not prevent moisture vapor from migrating into the house from underneath wallframing "seal plates". It is recommended that heavy applications of the NextSeal be applied close to and on the "seal plates", if possible in order to minimize vapor emission around walls. Use a brush for application around walls.
- Lauzon NextSeal will not prevent moisture/water from seeping through walls and onto the sub-floor surface where soil levels outside are above the sub-floor surface.
- Lauzon NextSeal will not provide protection from hydrostatic pressure.

##### ***Warranty Exclusion:***

- NextSeal is an excellent product for providing protection against excessive sub-floor moisture emissions. NextSeal is a product designed primarily to be applied to new construction applications to protect Lauzon wood flooring against future sub-floor moisture emission fluctuations and provide the owner with a full sub-floor moisture emission protection warranty when purchased as a system (Lauzon Wood, Sealers and Adhesives). However, because of the diverse conditions and circumstances, which NextSeal might be subjected to in

failure replacement applications, Lauzon does not provide any warranty for applications where a floor is being replaced due to a previous failure. In most instances NextSeal will provide adequate sub-floor moisture emission protection for the replacement floor. However, for failure replacement applications, it is totally at the discretion of the installer and/or owner of the building to use or not to use NextSeal (with the understanding that no warranty is offered or implied in these applications). If NextSeal is used for failure replacement applications, two coats of NextSeal at 150 square feet per coat should be applied and post-application calcium chloride tests should confirm that no more than 4.5 lbs per 1000 square feet per 24 hours is emitting through the NextSeal before installing the new Lauzon floor.

- Lauzon does not warrant this product for use with any floor covering other than Lauzon Wood Flooring Products.

***Special precautions for installing this product over suspended (crawl space) sub-floors.*** Lauzon NextSeal will, when installed over suspended sub-floors, fully protect glued down Lauzon wood flooring from damage due to moisture emissions migrating through the subfloor. However, sealing these type sub-floors could slow the escape of humid air and result in rot and structural damage to the building. If this product is applied over suspended sub-floors, it is the responsibility of the owner of the building and the installer to ensure adequate crawl space conditions.

#### **SUB-FLOOR PREPARATION:**

1. New concrete must be at least 30 days old.
2. All sub-floors must appear dry; do not apply NextSeal to any type sub-floor if there is visual dampness or wet areas on the sub-floor.
3. All sub-floors must be sound, clean and free of adhesives (except small residual amounts after scraping), oils, sealers, curing agents, plaster, paint etc. Plaster and paint can be removed by scraping or sanding. Oils must be completely removed (with solvents or other acceptable cleaning agents. **READ #5 BELOW**
4. All sub-floors must be level and smooth for satisfactory wood floor installation. If grinding is required to remove high spots in the sub-floor, this procedure must be done prior to applying NextSeal.
5. **DO NOT** bead blast or heavily sand concrete surfaces where NextSeal sub-floor sealer will be applied. This causes too much absorption into the concrete and inhibits NextSeal's ability to form a solid surface barrier. An ideal sub-floor for applying NextSeal is one that allows enough absorption to achieve good adhesion to the sub-floor, but not so porous that the sealer disappears into the sub-floor. To test sub-floor porosity, put small drops of water (about the size of a dime) in several areas. The water droplets should spread and start to absorb into the sub-floor within 30 to 60 seconds. If the water droplets stand or bead, this is indication that the sub-floor contains a sealer or is too dense for the sealer to properly adhere. Corrective measures must be taken before proceeding with the application of NextSeal, such as sanding with a medium grit sandpaper.

6. **Concrete Sub-floors:** Seal all cracks and expansion-joints with a flexible urethane caulk/adhesive prior to applying NextSeal.
7. **Plywood & OSB Sub-floors:** Seal gaps and cracks with flexible urethane caulk/adhesive prior to applying NextSeal.
8. **Terrazzo Sub-floors:** Remove all existing sealers, polish and wax. Lightly sand the surface of the terrazzo to promote adhesion of NextSeal. After sanding, damp mop to remove all dust, sanding particles and remaining debris. Seal all cracks or expansion joints with a flexible urethane caulk/adhesive prior to applying NextSeal.
9. **Radiant Heated Sub-floors:** Turn off the radiant heating system prior to applying NextSeal and for 8 hours after application.
10. **Historical High Moisture Applications:** Because of the Diverse conditions and circumstances that NextSeal might be subjected to with problematic high moisture concrete slabs, Lauzon does not extend warranties for failure replacement applications. However, if the installer or owner of the building decides to use NextSeal for sub-floor moisture emission protection, Lauzon recommends proceeding as follows, with the full understanding that no warranties are offered or implied for these applications:
  - A. Follow the sub-floor preparations outlined in this label.
  - B. Apply two coats of NextSeal at 150 square feet per coat. The first coat must dry at least 4 hours before applying the second coat.
  - C. Allow second coat to dry at least 72 hours, and then apply calcium chloride tests to determine the amount of moisture emissions transmitting through the two coats of NextSeal.
  - D. Install the flooring only if the calcium chloride tests indicate that no more than 4.5 lbs. per 1000 square feet per 24 hours of moisture is emitting through the NextSeal.

#### **APPLICATION PROCEDURES:**

1. Measure and line out the floor in 150 square foot sections. **This is an important step to ensure consistent and adequate coverage.**
2. Plan and manage the application in a manner that no foot traffic is on the freshly coated sub-floor for a minimum of 4 hours after it is applied.
3. Use a short nap paint roller to apply and distribute. For best result, apply and work one section at a time.
4. To mix, lightly shake and roll the bucket prior to use.
5. NextSeal can be poured directly onto the sub-floor. Evenly apply a full gallon per 150 square foot section. Use the paint roller to move and evenly distribute the wet material. Do not allow puddles to form and dry, use the paint roller to move puddles to other areas within the section. Continue to work the wet material with the paint roller until the entire section is evenly coated.
6. If the sealer absorbs into the concrete quickly and fails to form a good solid surface coating, extra coats are required. It is much safer as far as providing moisture emission protection to apply this sealer too heavy than

too thin. If applied too thin or the sealer disappears into the sub-floor inadequate moisture emission protection will result.

7. Portland base patching materials can be applied the next day after the application of NextSeal. **DO NOT use latex primers in conjunction with NextSeal. Adhesion failure may occur.**
8. **IMPORTANT:** Failure to apply an even and adequate amount of NextSeal sub-floor sealer will result in unsatisfactory performance and void all warranties associated with this product.
9. Wait until the next day after the application of NextSeal before installing the wood flooring. If floor patches are used, they must completely dry before installing the wood.
10. If NextSeal is used for failure replacement applications, Lauzon highly recommends that two coats of NextSeal be applied at 150 square feet per coat and calcium chloride tests be conducted 72 hours after application. Do not install the floor if the calcium chloride tests indicate that the moisture emission levels are above 4.5 pounds per 1000 square feet per 24 hours.

#### **SAFETY:**

Hazardous Ingredients	None
CAS Number	0
% by Weight	0
ACGIH TLV	0
OSHA PEL	0

#### **ROUTES OF ENTRY:**

##### **PRIMARY ROUTES OF ENTRY:**

Eyes and Inhalation

EYE CONTACT: May cause slight irritation.

SKIN CONTACT: No effect known.

INGESTION: Not likely to occur. If swallowed, no side effect known.

INHALATION: No effect known.

CHRONIC: None known.

##### **CARCINOGENICITY:**

This product contains no ingredient listed as a carcinogen by IARC, NTP, or OSHA.

##### **FIRST AID MEASURES:**

EYE CONTACT: Flush with water for 15 minutes.

Contact a physician if irritation occurs.

SKIN CONTACT: Wash with soap and water.

INGESTION: Induce vomiting, contact a physician.

INHALATION: Seek Fresh Air

GRAMS VOLATILE ORGANIC COMPOUNDS/LITER OF MATERIAL:  
0 (calculated).

**LIMITED MOISTURE PROTECTION  
WARRANTY:**

Lauzon warrants to the original owner of the installation that NextSeal, when applied according to label directions and the Lauzon wood flooring is installed with Lauzon NextBond Wood Floor and NextGrip MCU Adhesives, will protect Lauzon wood flooring against damage due to moisture emissions migrating through the sub-floor, and not some other source. The length of this warranty is for 25 years from purchase date. This warranty is to the original purchaser and is non-transferable.

In the event of a verifiable claim, when tests confirm that excessive moisture emission is coming through a properly applied NextSeal coating in excess of 4.5 pounds per the ASTM 1869 calcium chloride test method, and not some other source, this warranty covers one time replacement cost of materials and reasonable labor costs to replace or repair the damaged floor covering. Lauzon reserves the right to inspect and conduct tests on all claims prior to authorizing repair or replacement.

Except as specified above, Lauzon shall not be liable to anyone for incidental, indirect, special punitive damage or loss of property or equipment, or loss of profits or revenue, loss of use or cost of capital.

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