



MoistureShield™—At Time of Pour

Permanent Concrete, Cure and Seal, Waterproofing Application and Moisture Mitigation Treatment

Mismanagement of concrete moisture can wreak havoc on your construction project—moisture damage costs the industry greater than \$1 billion annually to address. There can be a residual high RH in concrete created once the building is commissioned at a high

Moisture Emissions Rate (MVER). This could lead to a high pH that creates a safety hazard for inhabitants, poses a threat to your building’s flooring, damages inventory at the floor level and more.

Concrete Floors are Permeable by Nature

Without the proper protective barriers during the construction process, external moisture, contaminants and other compounds can be absorbed by the concrete slab, creating future installation challenges after commissioning. Adopting and implementing the right mitigation system is critical to reducing future costs.

MoistureShield™: A 3-in-1 Solution

MoistureShield is your best defense against “Concrete Defeat.” Thanks to our Inner-Crete patented technology, application accomplishes three things:

1.

Cures and seal, reduces water loss

2.

Waterproofs, limiting exposure to moisture elements

3.

Creates a permanent internal moisture membrane

THE RESULT? PERFECTLY PREPARED CONCRETE FLOORS. EVERY TIME.

Why Choose MoistureShield™

By keeping concrete at a healthy RH and pH, MoistureShield translates into savings on materials and labor at the time of installation. This is why architects, general contractors and concrete contractors are opting for MoistureShield:

- Eliminates moisture at building commissioning, thereby reducing construction delays and costs
- No moisture test is required
- Permanently reduces MVER, maintains a healthy RH and permanently controls pH to a healthy 8-9
- Reduced labor costs—one application and done
- Cost savings—in many cases, MoistureShield is often a fraction of the expense when compared to other products
- Dries in one to two hours, and construction can begin within 30 minutes after the concrete is visibly dry
- Improves substrate durability—surface profile is maintained for additional coatings or adhesives
- Higher density at the paste layer contributes to high resiliency and durability
- LEED-friendly, VOC compliant and odorless
- Lifetime application backed by a 15-year warranty

Science

MoistureShield™ is a non-silicate product and extends the cure process at the surface level while providing a barrier for water loss and intrusion. This allows concrete to cure to its full potential at the paste layer which shuts off the capillaries and creates a stronger, healthier concrete.

MoistureShield modifies the concrete, creating an integral waterproof membrane 2-4 mm below the surface. This permanent internal barrier cures and seals and waterproofs concrete floors for optimal coating and adhesion to the concrete slab.

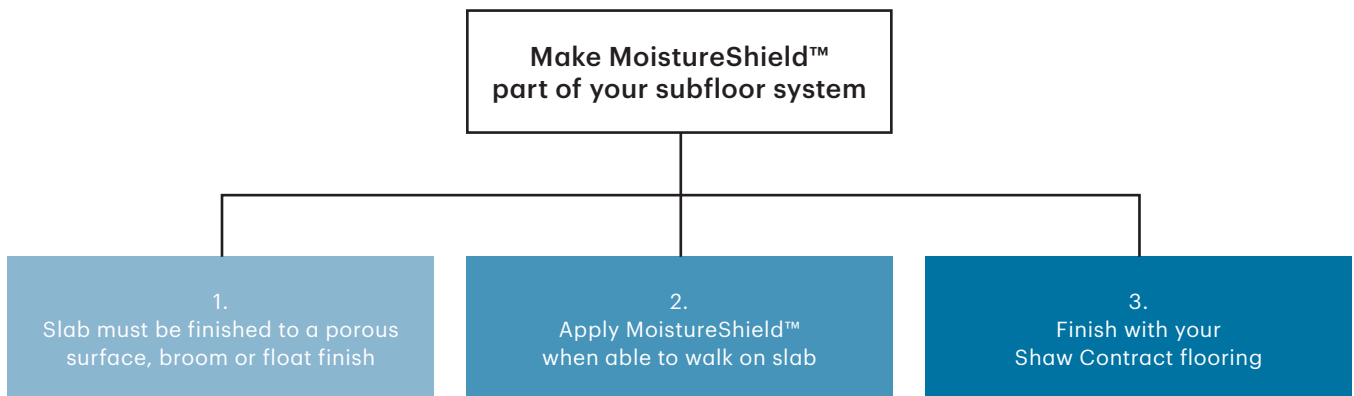


Spread Rate:
900 sq ft / 4-gal pail
83.61 m2 / 15.14L pail

MoistureShield™ is a spray-on solution that provides a permanent breathable membrane just below the surface of the concrete

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MOISTURE MANAGEMENT SOLUTIONS



MoistureShield™ is ideal for a new construction within the Industrial—Commercial—Education Medical & Pharmaceutical—Food & Beverage—Manufacturing—Professional Environments—Multifamily

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