ARMOVEX

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TECHNICAL DATA SHEET

ARMOVEX DRYLOCK

KEY FEATURES

- Penetrating lithium quartz technology for permanent waterproofing
- Reduces moisture vapor transmission, hydrostatic pressure, and permeability
- One-time application with no film, no reapplication, and zero VOC

OVERVIEW

- Designed to waterproof, densify, and reconsolidate concrete
- Forms a permanent lithium quartz structure within the substrate
- Protects against moisture, deterioration, and long-term surface damage

PRODUCT SPECIFICATIONS

PRODUCT MODEL	ARMOVEX DryLock
COVERAGE RATES	100-200 sq ft/gallon
COMPATIBILITY	Concrete, masonry, stone

CURE TIMES	Dry to touch 10-30 min
FOOT TRAFFIC	When surface is dry
FULL CURE	Vehicle Traffic 4 hours

OUR WARRANTY

ARMOVEX warrants its products to be free from manufacturing defects and to meet the technical properties on the current product information sheet. Liability is limited to refund or replacement. Claims must be made within one (1) year of purchase.

ARMOVEX DryLock

Spray applied, zero VOC, clear, single component, penetrating hydrolyzed lithium quartz sealer. that reduces water intrusion, moisture, moisture vapor, alkalinity, hydrostatic pressure, and osmotic pressure on new and existing concrete, masonry, and stone substrates.

DryLock penetrates deep into the capillary pore matrix of cementitious substrates and forms a permanent lithium quartz structure that reduces permeability and severely restricts moisture vapor transmission. It is designed for use on interior, exterior, horizontal, vertical, positive, and negative side substrates.

DryLock hardens, densifies, and repairs damaged surfaces that typically would require mechanical grinding, shotblasting or complete removal and replacement. It reconsolidates dusting surfaces and revitalizes degraded substrates that fail an adhesive bond test.

DryLock waterproofs both positive and negative side cast-in-place concrete and performs exceptionally on leaking or “weeping” surfaces. It protects against chloride intrusion, efflorescence, algae growth, mold, microbial corrosion, and staining from oils, food, and chemicals.

DryLock is a permanent, one-time application that does not require reapplication. It forms a protective barrier within the substrate that cannot be removed chemically or physically, with no surface film to wear away. It maintains the natural appearance of the substrate and is suitable for heavy pedestrian and vehicular traffic environments, extending surface life by decades.

DryLock is compatible with patching materials, coatings, flooring systems, roofing, and paints. It reduces moisture vapor rates up to 50 lbs/1000 ft^2 – 24 hr and RH up to 100% to acceptable levels for coating systems.

DryLock is Class 55 non-hazardous, non-toxic, and environmentally compliant with multiple certifications. It also features an infinite shelf life.

FEATURES & BENEFITS

- **Negative Side Waterproofing**
- **Positive Side Waterproofing**
- **Moisture Vapor Control**
- **Alkalinity Control**
- **Reduces Permeability**
- **Reconsolidates Damaged Surfaces**
- **Improves Abrasion Resistance**
- **Eliminates Dusting**
- **Infinite Shelf Life**
- **Zero VOC**
- **Compatible with all Polish Systems**
- **Compatible with Colored Concrete & Exposed Aggregates**
- **Compatible with all Moisture Sensitive Adhesives**
- **UV Stable**
- **Chloride Ion Protection**
- **Radon Certified**
- **Improves Skid Resistance**
- **Controls Efflorescence**
- **Controls Hydrostatic and Osmotic Pressure**
- **Buy American Act Compliant**
- **Mitigates Offgassing/Pinholing**

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WHERE TO USE DryLock

- Vertical Cast in Place Concrete
- Horizontal Substrates
- Above Grade
- Below Grade
- Structural & Lightweight Concrete
- Positive Side Cast in Place Concrete
- Negative Side Cast in Place Concrete
- Retaining Walls
- Elevator Pits
- Colored Concrete
- Stamped Concrete
- 1L Concrete
- Exposed Aggregate
- Water Features
- Planter Beds
- Mortar
- Parking Decks
- Underlayments
- Masonry
- Brick
- Podium Decks
- Garage Floors
- Basements
- Limestone
- Sandstone
- Pavers / CMU Block
- Leaking / Weeping Walls

TESTING:

ASTM C-241 (Abrasion Resistance)

Untreated: 4.19

Treated: 11.0

ASTM E-96 (Moisture Vapor Transmission)

Radon Certified: 0.09 grams/hr m^2

ASTM D-4236 (Moisture Transmission)

Passed

ASTM D-3359-23 (Adhesion)

Passed

PRODUCT DETAILS:

Color: Clear
Shelf Life: Infinite

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PRECAUTIONS

Do not allow DryLock to come into contact with any glass or metal. DryLock left to dry on the surface may result in streaking or whiting. DO NOT apply DryLock to areas with standing water.
Existing surfaces exhibiting moisture intrusion or degradation may require additional coats. If power washing is performed, allow surface to dry for 24 hours prior to installation.

INSTALLATION

1. Clean surface and remove contaminants
2. Protect surrounding areas
3. Verify test section
4. Apply first coat
5. Allow to dry
6. Apply second coat
7. Clean equipment

VERTICAL INSTALLATION

1. Clean surface
2. Apply first coat top to bottom
3. Allow to dry
4. Apply second coat

APPLICATION CONDITIONS

Interrupted Installation:
Hot Weather: Do not apply above 120°F.
Cold Weather: Do not apply below 32°F

STORAGE & HANDLING

Store in a cool, dry area out of sunlight. Keep sealed. Protect from freezing.

AVAILABILITY

1-gallon, 5-gallon, 55-gallon, 275-gallon

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