



RadonSeal SINCE 1997

ION-BOND ARMOR™

SUBSURFACE ELASTOMERIC CONCRETE SEALER

IonBond Armor™ is a state-of-the-art, commercial-grade, water based, polysiloxane sealer formulated to penetrate deep into concrete, concrete blocks, cinder blocks, CMU, masonry, and porous building materials. Forms an elastomeric waterproof barrier well below the surface. Suitable for indoor or outdoor use, horizontal and vertical surfaces, commercial and residential, and above or below grade applications.

USES

Indoor/Outdoors. Poured concrete, Concrete Blocks, Cinder Blocks, Splitface Blocks, Pre-Cast Concrete, Fibercrete, Colored Concrete, Gunit, Mortar, Stucco, Brick, Porous Stone.

APPLICATIONS

Commercial/Residential. Basement Floors, Basement Walls, Warehouse and Industrial Floors, Slab-on-Grade, Sidewalks, Driveways, Garage Slabs, Crawlspace, Parking Lots, Gunit Pools, Decks.

EXCLUSIONS

Stamped Concrete, Polished Concrete Slabs, Modified Hydraulic Cement, Concrete Floor Coatings. Water leaks due to cracks, seams, corner joints, holes, and similar which may require caulking, patching, or other repairs.

COVERAGE

Indoor Poured Concrete	200-225 sq. ft. per gallon.
Outdoor Poured Concrete	175-200 sq. ft. per gallon.
Concrete Blocks	125-150 sq. ft. per gallon.
Cinder/Splitface Blocks:	75-125 sq. ft. per gallon.

SURFACE CONDITIONS

Concrete should be DRY prior to application. Concrete may require several days to dry after heavy rain or pressure washing. Avoid rain for 24 hours after sealer application. Ambient air and surface temperatures must be above 40° F during the application and for 72 hours after. Avoid applying to hot surfaces in direct sunlight, or in strong winds and excessive humidity. New concrete should be allowed to cure for at least 28 days.

SURFACE PREP

Surfaces must be clean, bare, and porous. Remove excessive dust and loose particles. Mask surfaces not intended to be sealed. Remove paints, sealers, curing compounds, adhesives, oil, grease, mold, efflorescence and other contaminants that may interfere with sealer penetration. The surface must be porous enough to readily absorb the sealer. Hard-troweled concrete surfaces require chemical etching or mechanical abrasion to increase porosity. Use PowerEtch Concrete Etcher & Cleaner to obtain a proper surface profile. Make necessary repairs to cracks, joints, and defects before sealing.

TESTING

Recommended! Concrete varies greatly in composition, finishing techniques, and surface porosity. Apply Ion-Bond Armor to a test area to confirm surface suitability and ensure sealer penetration. Treated surfaces should show no change in appearance.

APPLYING ION-BOND ARMOR

Hand-pump sprayer equipped with fan tip nozzle (preferred), airless sprayer regulated below 40-psi, roller, or brush.

STEP 1: Attach mixing tool to your power drill.

STEP 2: Remove cap on the top of the pail and insert the mixing tool. **Thoroughly mix while adding the entire contents of the activator bottle** (about 3 minutes).

STEP 3: Fill pump-sprayer with mixed sealer.

STEP 4: Spray Ion-Bond Armor uniformly to the surface, maintaining a continuous wetting film. On vertical surfaces, apply from the bottom up maintaining a wet edge.

STEP 5: While the surface is still damp, apply a second application to the surface about 15 minutes after the first application. Overly porous surfaces may require a lighter 3rd application. Roll, broom, or brush away puddles.



RADONSEAL + ION-BOND ARMOR APPLICATION

If applying after the application of RadonSeal® Penetrating Concrete Sealer, wait 10+ days to apply Ion-Bond Armor to the surface.



Saturate the surface by spraying on a continuous wetting film.

CLEANUP

Rinse tools with water. Remove overspray with a wet towel before it dries. Dispose of unused material and empty containers in accordance with local regulations.

DRYING

Treated surfaces will begin to appear dry in 1-4 hours. Avoid foot and vehicular traffic until dry.

APPLYING PAINTS, COATINGS, ADHESIVE

Wait 10+ days before applying paints, coatings, adhesives, or patch repair compounds.

SHELF LIFE

45-days / 14-days once the activator is added.

RadonSeal® RELATED PRODUCTS

RadonSeal® Efflorescence Cleaner



RadonSeal® Efflorescence Cleaner replaces the "old-school" acid cleaners. Put away your respirator and plastic suit. Choose the safer way to remove surface efflorescence, lime and mortar stains, as well as rust stains.

Contains no phosphoric acid, muriatic or hydrochloric acid, bleach, abrasives, or petroleum distillates. It is the ONLY industrial-strength efflorescence cleaner made safe for use indoors and formulated STRONG to remove even the most stubborn of stains!

CrackWeld® Concrete Floor Crack Repair Kit



CrackWeld® easily fills the full depth of fine stress cracks, hairline cracks, and fissures in concrete floors and slabs without the need to chisel or route the crack.

Cures FAST (within minutes) as a rigid compound that becomes stronger than concrete itself! "Welds" and waterproofs cracks for a long-lasting repair. Provides contractors and homeowners a state-of-the-art, method for the proper repair of cracks, spalls, divots, and tack strip holes in concrete slabs.

Concrete varies greatly in composition, mix, cure, finishing techniques, and workmanship. If you have detailed questions about your application or project please visit www.radonseal.com or contact a RadonSeal customer service representative for knowledgeable advice.

1.800.472.0603 or sales@radonseal.com

