



DEEP-PENETRATING CONCRETE SEALER

RadonSeal® is an eco-friendly, ready-to-use, reactive sealer formulated maximum penetration and sealing of capillaries inside poured concrete and cementitious substrates. RadonSeal works by absorbing through the surface and deep into concrete, chemically reacting, bonding, and inherently sealing the matrix of the concrete. RadonSeal is used for the mitigation of wicking water, water vapor, capillary water seepage and soil gases. Permanently strengthens concrete, hardens surfaces, and protects concrete against cracking, dusting, efflorescence, freeze-thaw, road salts, deicing chemicals and minor defects.



MOISTURE BLOCK



PERMANENT



STRENGTHENS



ZERO VOCs



NO-SLIP



PAINTABLE



BREATHABLE

USES

RadonSeal Standard – Recommended for indoor and outdoor poured concrete surfaces, walls and floors.

- **Indoor Poured Concrete:** Less than 20-years old.
- **Outdoor Poured Concrete:** Less than 2-years old.
- **Stucco**
- **Limestone**

RadonSeal Plus – Highly concentrated for older, more porous concrete. Recommended for indoor poured concrete over 20-years old. Outdoor poured concrete over 2-years old. (*can be used on concrete less than 20-years). Heavyweight Concrete Blocks. Cinder Blocks.

- **Indoor Poured Concrete:** Less than 20-years old.
- **Outdoor Poured Concrete:** Less than 2-years old.
- **Stucco**
- **Limestone**

APPLICATIONS

Poured concrete, concrete block, and cinder block basement walls. Basement floor, crawlspaces, and slab-on-grade construction. Outdoor concrete sidewalks, pool decks, driveways, patios, parking lots, garage slabs, pools, water features, warehouse floors, decking, stairs, concrete fish ponds, and carports.

EXCLUSIONS

Stamped, colored or stained concrete, polished concrete floors, modified hydraulic cement, fiber-reinforced concrete, outdoor split face or lightweight blocks, bricks, pavers.

COVERAGE

Indoor Poured Concrete	200-225 sq. ft. per gallon.
Outdoor Poured Concrete	175-200 sq. ft. per gallon.
Concrete Blocks	100-125 sq. ft. per gallon.
Stucco	200-250 sq. ft. per gallon.
Limestone	175-225 sq. ft. per gallon.

(e.g., applying to a 1,000 sq. ft. surface area, ONE (1) 5-gallon container would be required.)

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 40o 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. Vacuum or broom excessive dust and loose particles. Mask surfaces not intended to be sealed. Product will etch glass and metal. Remove paints, sealers, curing compounds, adhesives, oil, grease, mold, efflorescence and other contaminants that might interfere with the penetration of the sealer. The surface must be porous enough to readily absorb the sealer. **Hard-troweled concrete surfaces may require chemical etching or mechanical abrasion to increase porosity.** If needed, use PowerEtch Concrete Etcher & Cleaner to obtain a proper surface profile. **If chemical cleaners or concrete etchers are used, be sure to thoroughly rinse and remove them prior to sealer application.**

TESTING

Recommended! Concrete varies greatly in composition, finishing techniques and surface porosity. Apply RadonSeal to a small test area to confirm sealer penetration into the concrete, surface suitability, and aesthetic. **Treated surfaces should show no change in appearance or friction.**

APPLYING RADONSEAL

Apply using a hand-pump sprayer equipped with fan tip nozzle (recommended). Alternatively, a paint roller can be used if spraying is not feasible. RadonSeal is applied in wet-on-wet applications. Agitate container thoroughly before use.

STEP 1: Using the pump sprayer, mop, or roller lightly dampen the concrete surface with water to help improve sealer penetration.

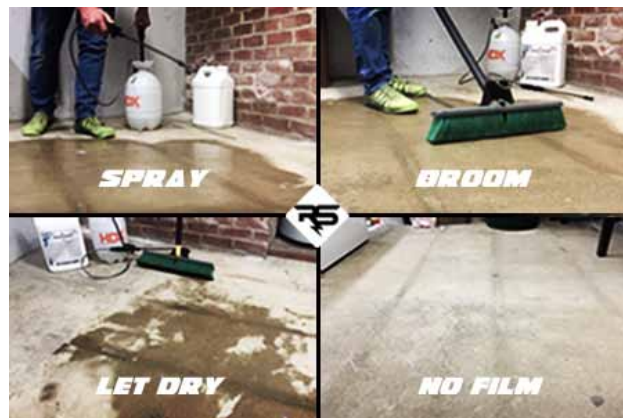
STEP 2: Spray RadonSeal uniformly to the surface, maintaining a continuous wetting film. **For floors, moderately scrub wet surface with push broom working the sealer into the concrete.**

STEP 3: While the concrete is still damp, apply a lighter second application to the surface about 30 minutes after the first application. Moderately scrub floor surface with push broom.

CONCRETE BLOCKS – For more porous concrete blocks, apply three applications.

CONCRETE FLOORS – Moderately rinse treated surfaces with water and scrub with a bristle broom 30-minutes after the final application.

DO NOT OVERAPPLY. Avoid pooling or excessive rundown. Broom, roll or brush away puddles.



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, waterproofing membranes, coatings, adhesives, or patch compounds to surface. **As RadonSeal begins to react and expand inside the concrete it may purge dirt, loose minerals, salts, and efflorescence to the surface** for several days after application. Clean purged contaminants and efflorescence by mechanical or chemical means when necessary.

NOTE - For concrete surfaces that require the addition of our **Ion-Bond Armor, LastiSeal Concrete Stain & Sealer, or DryWay Water-Repellent Sealer** wait 10+ days before applying sealers.

CRACK REPAIR

Making repairs to indoor/outdoor floor and wall cracks, cove joints, cold joints, mortar joints, settling cracks, seams and corners can be made before or after the application of RadonSeal Concrete Sealer. **View the RadonSeal Crack Repair Guide:** www.radonseal.com/crack-repair.htm

RadonSeal is not a water-repellent surface sealer or a membrane sealant. RadonSeal reacts with Portland cement to seal concrete internally. RadonSeal does not seal water leaks through cracks, cold joints, cove joints, control joints, mortar joints, and seams. 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 expert advice.

1.800.472.0603 or admin@radonseal.com

