



LASTISEAL®

PENETRATING BRICK & CONCRETE SEALER

Eco-friendly, non-toxic, impregnating commercial clear sealer for concrete, bricks, pavers, masonry, and other porous building materials. Waterproofs, strengthens, and protects against capillary water seepage, freeze-thaw cycles, deicing chemicals, and road salts. For indoor and outdoor use. Suitable for both horizontal and vertical applications.

Advantages

- Waterproofs against rain, surface water, salts, deicing chemicals, and other contaminants.
- Backed by a limited 15-Year Waterproofing Warranty.
- Protects against freeze-thaw damage & road salts.
- Protects against pitting, cracking, crazing, spalling, and crumbling.
- Reduces efflorescence.
- Reduces concrete dusting.
- Improves the adhesion of adhesives and paints, including epoxies, urethanes, and acrylics, but not latex-based products..
- Resists spills, motor oil, chemicals, and acids.
- Reduces algae and mold growth.
- Breathable. Prevents moisture entrapment.

Uses

LastiSeal hardens and waterproofs a wide range of indoor and outdoor cementitious and non-cementitious materials, including:

Poured Concrete: Driveways, sidewalks, garage floors, pool decks, patios, carports, concrete curbs, parking lots, seawalls, concrete columns, building facades, factory and warehouse floors, as well as integrally colored and acid-stained concrete.

Brick: Clay brick, brick veneer, adobe, Victorian brick, and Chicago brick. Applications include mudrooms, homes, historical buildings, chimneys, fireplaces, brick walkways, driveways, backsplashes, etc.

Pavers: Concrete, brick, travertine, and other porous paving materials.

Concrete Blocks: Heavyweight concrete blocks, cinder blocks, and split-face blocks, including retaining walls.

Porous Stone: Limestone, sandstone, Lannon stone, and other naturally porous stones.

Mortar: Solidifies mortar joints between concrete blocks and porous mortar in older stone foundation walls.

Grout: Seals grout lines in patios, bathrooms, and kitchens.

Stucco: Unpainted stucco surfaces.

Limitations

LastiSeal Brick & Concrete Sealer is an penetrating sealer, not a topical sealant or coating system. It will not prevent water penetration resulting from structural defects such as cracks, seams, corner joints, holes, or similar conditions, which may require caulking, patching, or other appropriate repair methods.

It is not intended for use on non-porous surfaces, including but not limited to dense stone, tiles, natural rock, countertops, showers, hydraulic cement, epoxy grout, chemically-modified grout, and certain stamped concrete surfaces.

Applicator

Apply using a standard handheld pump-up sprayer equipped with a fan-tip nozzle (commonly referred to as a garden or bug sprayer). Electronic sprayers should not exceed 30 psi. If spray application is not practical, a heavy-nap paint roller or brush may be used instead.



Coverage

Poured Concrete:	150-250 sq. ft. per gallon
Brick:	150-225 sq. ft. per gallon
Pavers:	100-150 sq. ft. per gallon
Concrete Blocks:	100-150 sq. ft. per gallon

Coverage is estimated. For more porous surfaces, such as concrete blocks, a lighter second coat may be applied after 24 hours. If absorption is unclear, it is advisable to apply one coat.

Technical Data

Physical Form:	Liquid	Boiling Point:	230°F
Odor:	Low Odor	Freeze Point:	32°F
Color:	Colorless, Turbid	VOC Content:	Flat: 11.67 g/L Satin: 52.79 g/L
Specific Gravity:	1.1	Shelf Life:	1 Year
pH:	6.8 cured	Storage:	40-90°F
Solubility in Water:	Excellent	Evaporation Rate:	Same as water

Performance Data

Water Absorption of Chemical Resistance Masonry	ASTM 413	Excellent
Masonry Absorption Test for Light Weight Block	ASTM C140	0.35%
Penetration Test Nuclear Power Plant, 8000 psi Concrete Pour	ASTM 123D	2" penetration
Masonry Absorption Test for Brick	ASTM 642-82	No change in weight after 48 hours
Scaling Resistance	ASTM C672	No scaling after 100 weathering cycles
Water absorption of hardened concrete	AS 1012.21-1999	No water absorption
Surface appearance		Flat: No color or texture change. Satin: Low gloss
Resistance to sunlight (UV)		Excellent / UV stable
Bacterial Growth		Does not support
Resistance to alkalinity		Excellent
Paint adhesion		Extends adhesion of moisture resistant paints by 100-500% (not latex)
Drying time		1-4 hours
LEED Credits	IEQ Credit 3 - Construction - Indoor Air Quality Management Plan IEQ Credit 4 - Low Emitting Materials	



US Environmental Protection Agency - EPA Compliant

Packaging



The information and recommendations made are based on our own research and the research of others, and are believed to be accurate. Because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that the Product is safe, effective, and suitable for its intended end use. RadonSeal® specifically disclaims liability for any incidental, consequential or other damages including but not limited to, loss of profits or damages to a structure or its contents. Read and understand the product Safety Data Sheets (SDS) prior to use.

