LastiSeal Concrete Stain & Sealer
Product Data Sheet

PRODUCT DESCRIPTION

LastiSeal Concrete Stain & Sealer is a water-based polyester sealer with polyurethane polymers and acrylics, which has no equal. It penetrates deep into **concrete, masonry, mortar, and stucco** to provide **permanent waterproofing, color, and preservation**. Unlike paints or surface sealers, it seals internally and cannot peel or wear off. It does not form a film but leaves a low-gloss sheen on the surface. LastiSeal is non-caustic, non-toxic, and non-flammable, contains no chemical solvents, very low VOCs, and has no odor.

ADVANTAGES

- **Stains and waterproofs** in one simple step.
- **Bonds**, **strengthens** and **preserves** concrete, reducing spalling, pitting, and cracking.
- Suitable for indoor and outdoor applications.
- Contains no harmful acids or toxic ingredients.
- Available in 37 different base colors. Colors can be mixed for unlimited variations.
- Backed by a 15 year waterproofing guarantee.

USES

LastiSeal Stain & Sealer can be used to seal, stain, bond, and protect a wide range of porous building materials, new or old, indoors or outdoors. Use it on horizontal surfaces as well as walls and other vertical surfaces.

LIMITATIONS

RadonSeal is not intended to seal cracks, joints, or gaps. Not suitable for concrete less than 3 inches thick, fiber-reinforced concrete, and lightweight, dry-pressed, spilt face, haydite, or popcorn blocks.

PACKAGING

Available in 2.5 gal., 5 gal., and 55 gal. containers.

COVERAGE

Varies with substrate porosity and composition.

Poured concrete:
- 1,000 sq. ft. per 5-gallon pail in 2 applications

Concrete Blocks
- 500 sq. ft. per 5-gallon pail in 3 applications

Cinder Blocks
- 400 sq. ft. per 5-gallon pail in 4 applications

TECHNICAL DATA

PHYSICAL FORM: Liquid	**BOILING POINT**: 214°F
ODOR: No/Very Low Odor	**FREEZE POINT:** 32°F
VOC CONTENT: zero	**SPECIFIC GRAVITY**: 1.1
pH: 11.5 liquid / 7.9 cured	**COLOR:** colorless, turbid

PERFORMANCE DATA

USDA/EPA	USDA Compliant EPA Compliant
ASTM C-642	Reduces water absorption up to 98%
NCHRP 244	Absorbed chloride: <6%
ASTM-C-67 Section 29	High resistance to efflorescence
ASTM C 39	45% increase in compressive strength
ASTM C 779	45 % increase in surface hardness >200% increase in wear resistance
ASTM G23-81	Resistance to sunlight (UV) and water spray – Excellent
ASTM-C-156	Significant improvement in curing against hairline cracking and spot drying.
ASTM D 3359	20% increase in epoxy adhesion
Bacterial Growth	Does not support
Resistance to Alkalinity	Excellent
Surface Appearance	No color or texture change. No gloss.
Paint Adhesion	Treated surfaces are compatible with any type of covering.

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CHEMICAL RESISTANCE

The resistance rating is based on a combination of the concrete resistance to penetration, absorption, disintegration, and the ability to recover and stabilize. Acids were tested in a 10% solution and all other liquids at full strength as normally sold and used in commerce.

Excellent	Sodium Chloride (Salt) NaCl	Grain Alcohol C2H5OH
	Motor Oil	Hydraulic Fluid
	Kerosene	Mineral Spirits
	Grain Alcohol C2H5OH	Wood Alcohol CH3OH
	Vegetable Oil	Mineral Oil
	Turpentine	
Good	Gasoline	Xylene
	Toluene	Acetone CH3OOOH3
	Hydrochloric Acid HCL	Sulfuric Acid H2SO4
	Nitric Acid HNO3	Phosphoric Acid H3PO4
	Sodium Hydroxide NaOH	Potassium Hydroxide KOH
	Ammonia NH3	Hydrogen Sulfide H2S

LIMITED WARRANTY INFORMATION

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. Novion, Inc. 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.

NOTE: Read and understand the product MSDS prior to use.