



# Technical Data Sheet

## SealGreen – E15 Stamped Concrete Sealer Product Data and Test Information

### DISTRIBUTION

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### PRODUCT DESCRIPTION

SealGreen E-15 is an environmentally friendly, low odor, low gloss, moisture and floor barrier.

The unique properties penetrate the concrete surface to form a non-removable, semi-resilient barrier that quickly cures for walking foot traffic in less than 1 hour.

SealGreen E-15 will not chip, soften, peel or delaminate in the presence of water vapor emission, alkalinity, and relative humidity. The chemistry remains resistant to extreme alkalinity (12.5-14pH) when applied to prepared concrete.

With environmental concerns on the rise, SealGreen E-15 compliments the green product movement with its low VOC content and low odor. Equipment, tools and material can be cleaned by a damp cloth during the initial application.

SealGreen E-15 is acceptable for use in residential, schools, health care, commercial and industrial buildings. SealGreen E-15's quick cure is ideal for outside stamped or decorative concrete floors where a moderate moisture barrier is required and ready for walking traffic in 1 hour.

### APPLICATIONS

SealGreen E-15 will suppress, control and restrict water vapor emission, alkalinity, and relative humidity rates to an acceptable level. Always test before full application. A test kit for sealing over existing acrylic sealer is available at [www.SealGreen.com](http://www.SealGreen.com)

### ADVANTAGES

Effective on most vertical or horizontal exterior, above-grade masonry surfaces. Natural substrate color and surface textures are unaffected providing a low gloss.

SealGreen Cleaners and Sealers are state-of-the-art protective treatments and have developed a reputation by architects and building professionals as the premier solution for water repellents and sealers. SealGreen is dedicated to solving the destructive influence water intrusion and other elements have on building materials.

### APPEARANCE

SealGreen E-15 surface is approved for use as a clear semi-gloss final concrete sealing solution.

### PERFORMANCE

SealGreen E-15's unique formula allows a multi-coat application to penetrate the surface and form a dense, semi-

flexible, no maintenance barrier. A typical application rate of 700 square feet per gallon provides the following:

### TECHNICAL DATA

Conditions: 40°F - 80°F  
Dry to Touch: 10-15 minutes

Re-coat: 60 minutes  
Foot Traffic: 1 hour

UV Exposure: Resistant	Clean Up: Water
Application: Roller or Spray	VOC Content: 49 g/liter
Reduction: 0% Water	Color: Clear
Rolling Time: 5 hours	Full Cure: 6 Days

### TEST DATA

Moisture Vapor Emission F1869	3.0 lbs. Suppression of 10.0 to 3.0 lbs.
Relative Humidity F2170	85% Restricts relative humidity in concrete up to 85%.
Alkalinity F710	Restricts 14pH Remains resistant to long term 14pH exposure
Water Vapor Transmission E96	Wet method 75% Vapor Reduction vs. non treated concrete
Concrete Adhesion D4541	500psi+ Pull off adhesion results in 500psi
Chemical Resistance D1308	NO damage 30 Day (long term) exposure to 14pH is non-damaging.

### PREPARATION

SealGreen E-15 may be applied to concrete surfaces that are clean and absorbent. This includes newly poured concrete during the curing phase, when surfaces are not damaged by walking foot traffic, typically 3 to 8 hours after placement.

### MIXING

SealGreen E-15 is a single-component material and requires limited mixing prior to use. Factory sealed units are combined with a 5% water reduction to produce a consistent mixture.

Best results are obtained by applying SealGreen – E15 on clean and dry substrates. All surfaces must be cleaned to remove all traces of dirt, dust, efflorescence, mold, salt, grease, oil, asphalt, laitance, curing compounds, paint, coatings and other contaminants. Acceptable surface cleaning methods include shotblasting, sandblasting, waterblasting and chemical cleaners. If chemical cleaning agents are used, neutralize and wash off residues completely. Allow surface to dry at least 12 hours after water cleaning. Check with SealGreen representative to verify suitable cleaning methods, products and that the surface preparation is adequate.

All concrete repair and replacement must be completed prior to application. Patching materials, caulking, sealing materials, traffic paint must be fully cured before applying SealGreen E-15 Sealer. In addition, the actual amount of material that is used for each application is dependent on the absorptive capacity of the substrate.