

SEALGREEN E10 EPOXY SEALER VAPOR BARRIER CAPABILITIES

PRODUCT DESCRIPTION

- SealGreen E-10 is an environmentally safe one part epoxy, low odor, clean water extendable, concrete primer, moisture and floor barrier.

HUMIDITY MITIGATION:

- SealGreen E-10 will also prepare substrates where concrete testing has determined results above flooring manufacturer limits and does not exceed 10 lbs. of emission.
- SealGreen E-10 will suppress, control and restrict water vapor emission, alkalinity, and relative humidity rates to an acceptable level for flooring application.
- SealGreen E-10 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.
- SealGreen E-10 is acceptable for use inside or outside floors some applications are schools, health care, commercial and industrial buildings, and stamped concrete and garage floors. SealGreen E-10's quick cure is ideal for retail stores where a moderate moisture barrier is required and ready for walking traffic in 1 hour.

HUMIDITY MITIGATION TEST DATA

- **Moisture Vapor Emission F1869:** 3.0 lbs. Suppression of 10.0 to 3.0 lbs. as required for flooring.
- **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.
- **UV Exposure:** Resistant use on outside or inside applications
- SealGreen E-10 is approved for use on newly placed slabs that are sealed with SealGreen E-10 as a replacement for curing methods provides excellent water retention, water vapor and alkalinity reduction.

FINAL FLOORING AND PERFORMANCE:

- SealGreen E-10 surface is approved for use as a clear matte and semi-gloss final floor system.
- 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.
- The SealGreen E10 does not require any additional coatings to protect the application.
- SealGreen E-10's unique formula allows a multi-coat application to penetrate the surface and form a dense, semi-flexible, no maintenance barrier.

ENVIRONMENTALLY SAFE:

- With environmental concerns on the rise, SealGreen E-10 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.

VEHICLE TRAFFIC AND FOOT TRAFFIC:

- SealGreen E10 Epoxy vapor barrier can be used on concrete garage floors, driveways, sidewalks, medium to low traffic streets, and outside decorative concrete exposed to vehicular traffic.
- SealGreen E10 protects against salt and chemical damage, as well as freeze/thaw damage from moisture intrusion.
- **Durability Testing**
 - **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.
 - **UV Exposure:** Resistant use on outside or inside applications
 - SealGreen E-10 is approved for use on newly placed slabs that are sealed with SealGreen E-10 as a replacement for curing methods. It provides excellent water retention, water vapor and alkalinity reduction.
- SealGreen E-10's quick cure is ideal for installations where a moderate moisture barrier is required and ready for walking traffic in 1 hour. Vehicular traffic after 3 days.
- SealGreen E10 will be totally cured and reach its full strength after 6 days.

