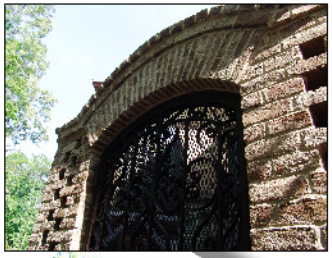
ACON Surface Seal



Will improve your surfaces...
try it and see!

Surface Seal is a colorless liquid designed to impart water repellence to a wide variety of surfaces.

Surface Seal reacts by forming an insoluble filmless water-resistant treatment within 24 hours after application

BASIC USE:
Surface Seal is primarily used as a surface treatment in applications that utilize its ability to impart a water repellent surface and reduce water absorption.

Surface Seal is an aqueous penetrating treatment which provides a tough breathable filmless barrier beneath and on the surface of the treated material.

Surface Seal helps to maintain and preserve the original clean look of the surface by preventing liquid/contaminant penetration. It improves bonding ability of subsequent treatments of paint, adhesive, aesthetic topping or other coatings.

Surface Seal eliminates or greatly retards *EFFLORESCENCE*, while imparting additional resistance against cracking and spalling.

Surface Seal enhances surface traction quality.

Surface Seal is odorless, nontoxic, nonflammable and VOC/VOS free.

More examples of *EFFLORESCENCE:*

Top 11 advantages to using ACON SURFACE SEAL

- Provides a more abrasion - and crack - resistant surface
- Remains resilient during movement
- Provides increased density
- Resists oil while repelling water
- Enhances surface traction
- Resists freeze-thaw damage
- Provides easier ice removal
- Improves fungus and mildew resistance
- Enhances surface bonding quality
- Eliminates or significantly retards efflorescence
- Requires no special surface maintenance

www.aconproducts.com

ACON
Accelerated Concrete Technologies

DEEP SEAL & SURFACE SEAL

For all of your masonry, and concrete needs

ENVIRONMENTALLY SAFE

ACON Deep Seal

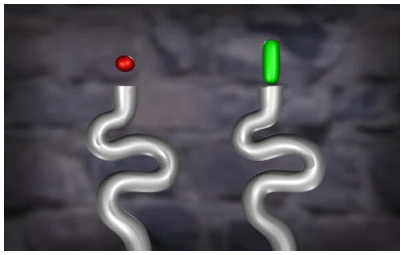
WHO NEEDS IT?
Anyone who's looking to preserve and extend the life of their new or existing concrete

WHAT IT DOES:
Deep Seal is the premier sealing and curing product available for today's concrete. While other sealers merely sit on the surface after application, Deep Seal has been shown to penetrate up to seven and three fourths inches (200mm). Once it gets down into the concrete, it forms a gel-like barrier which prevents water and other harmful agents from entering. This is how Deep Seal waterproofs and seals the concrete *from the inside*.

Even though Deep Seal makes concrete virtually impermeable, it still allows the concrete to *breathe*. This is important because concrete expands and contracts, especially during freezing and thawing. If the concrete doesn't breathe, moisture within the concrete becomes trapped, building up pressure and then exploding, causing cracking and spalling. Concrete treated with Deep Seal does not become brittle, unlike many other sealers.

HOW IT WORKS:
How does Deep Seal penetrate so deeply when others do not? When concrete hardens, it forms a curvy capillary system through which water and air can pass, much like the capillary system in the human body. The molecules of traditional sealers are pencil-shaped and stop penetrating as soon as they hit a curve in the capillaries. We've created a solution, however, whose molecules are sphere shaped like microscopic ball bearings. These molecules are free to move through and fill the tiny capillaries, traveling deeper and deeper until all of the solution is used or runs out..

Penetrates Deep into the Capillaries



OTHER BENEFITS:

Deep Seal is the most economical solution you can buy. This is because *you only have to apply it once*, not every year or even 10 years. Since it has penetrated and become a part of the concrete, it never wears away. Other sealing products have to be applied again and again, and that cost adds up.

Deep Seal helps protect concrete against road salt, airport deicing solutions and other chloride and non-chloride solutions.

Safety is another feature of Deep Seal. It's safe to apply since there are no fumes (it's completely odorless) and it's completely non-toxic. This makes it perfect for projects involving food service or requiring a safe environment for children or pets. Deep Seal will not impair surface traction or bonding ability. This is especially helpful when using paint, polyurethanes, epoxies and adhesives.

WHAT IT IS:
Deep Seal is a cloudy white (which dries clear), non-petroleum, odorless, environmentally neutral (safe) penetrate in a colloidal liquid base.

TOP 20 ADVANTAGES to using ACON Deep Seal

- One-time permanent application saves you money
- Easy to apply
- Significantly densifies concrete
- Waterproofs concrete internally as well as externally
- Makes concrete virtually impermeable
- Doesn't harm the environment *or the person who applies it*
- Doesn't change surface traction
- Reduces dusting
- Preserves concrete's integrity
- Improves thermal resistance'
- Increases acid/chemical integrity
- Improves surface bond quality
- Provides internal humidity stability
- Restricts vapors transmission
- Adds surface abrasion resistance
- Increases strengths
- Eliminates internal water migration
- Lowers creep deformation potential
- Alleviates carbonation effects, if any

If you're protecting a basement you can look forward to our products stopping your dusting and mildew as well. Its a must before remodeling.

This is a one time permanent application that will actually stop the deterioration of your concrete.
Certified Applicators should apply our products to ensure proper application and optimal results.

TEST CONDUCTED on ACON DEEP SEAL:

- *ASTM C-67 Section 7: Water Absorption*
- *ASTM C-67 Section 9: Suction*
- *ASTM C-67 Section 13: Absorption Transmission*
- *ASTM C-67 Section 25: Suction*
- *ASTM C-67 Section 65: ORF Method, Dusting Resistance*
- *ASTM C-2369: Artifical Weathering (Artificial weathering does not diminish treated concrete)*
- *ASTM C-140: Water Repellency Rating*
- *ASTM C-156: Water Retention*
- *ASTM C-309: Class A Curing Compound*
- *ASTM C-514: Permeability*
- *ASTM C-518: Thermal Conductivity-Thermal Resistance*
- *ASTM D-4541: Adhesion *Bond* Test*
- *ASTM D-5084: Hydraulic Conductivity (Permeability Test)*
- *ASTM E-96: Moisture Vapor Transmission (effective barrier against water vapor emission without loss of the concretes ability to breathe)*
- *DIN-1048: Water Penetration: (Significantly reduces the depth of water penetration equivalent)*
- *CRD C-48-73: Hydrostatic Pressure Resistance: (Sealed specimens at 45psi, the of 115 ft. of standing water, while field experience has shown efficiency at near 300 ft.)*
- *NCHRP 244-Series IV: Moisture Vapor Transmission*
- *USDA Approved For Use In Food Processing Areas*
- *EPA Compliant*