

WHO NEEDS IT?

Anyone who's looking to preserve and extend the life of their new or existing concrete.

PROTECRETE®
CONCRETE'S BEST SOLUTION

The Densifier

P R O D U C T I N F O R M A T I O N

WHAT IT DOES

PROTECRETE Densifier, also formerly known as PROTECRETE-CDS Concrete Densifier Sealer, is the premiere sealing and curing product available for today's (and tomorrow's) concrete. While other sealers merely sit on the surface after application, the Densifier has been shown to penetrate up to 7¾ inches (200 mm). 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 the Densifier waterproofs and seals the concrete *from the inside*.

Even though the Densifier 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 the Densifier does not become brittle, unlike many other sealers.

HOW IT WORKS

How does the Densifier 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.

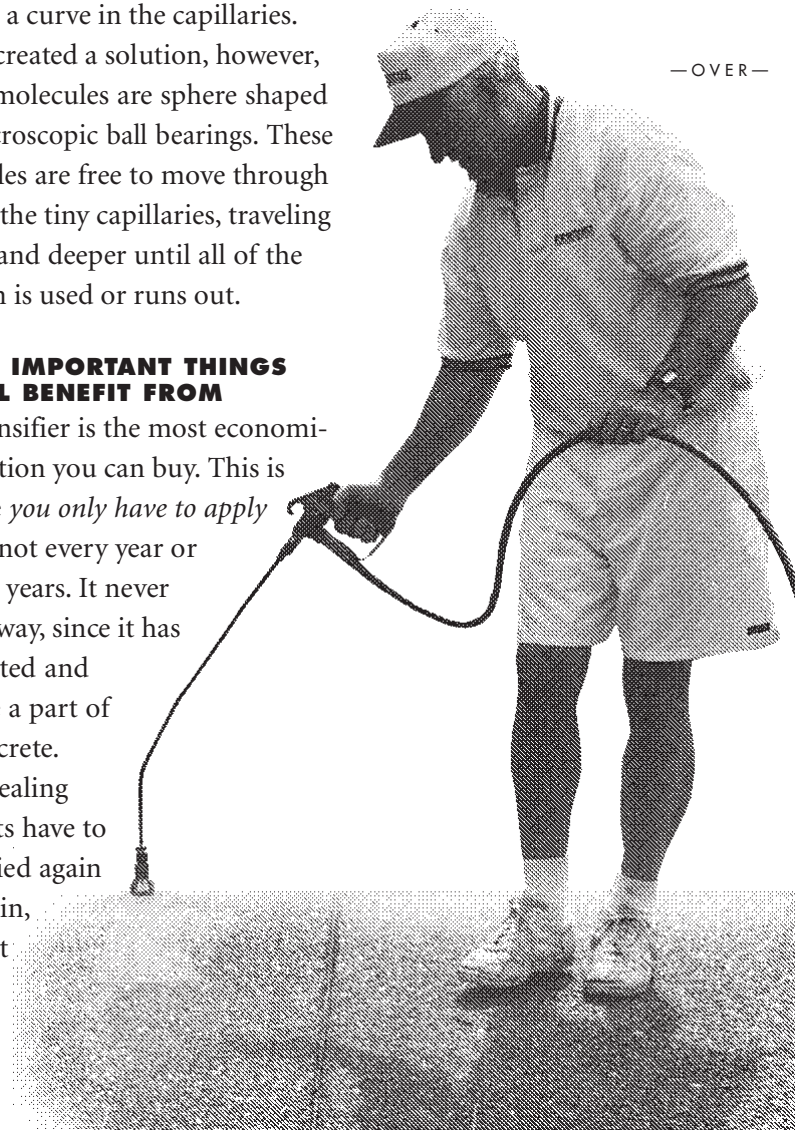
OTHER IMPORTANT THINGS YOU'LL BENEFIT FROM

The Densifier 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. It never wears away, since it has penetrated and become a part of the concrete. Other sealing products have to be applied again and again, and that

cost adds up.

The Densifier helps protect concrete against road salt, airport de-icing solutions and other chloride and non-chloride solutions.

— OVER —



The Densifier

Safety is another feature of the Densifier. It's safe to apply since there are no fumes (in fact, 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.

The Densifier will not impair surface traction or bonding ability. This is especially helpful when using paint, polyurethanes, epoxies and adhesives.

WHAT IT IS

The Densifier is a cloudy white (which dries clear), non-petroleum, odorless, environmentally neutral (safe) penetrate in a colloidal liquid base.

HOW TO USE

The Densifier is easy to apply. You should use a medium- to high-pressure airless paint spray unit complete with fan spray nozzle (suggested tip size of .017 to .019) at the rate of 200 square feet per gallon. Begin applying at the lowest level elevation, e.g., walls and slopes should be applied from the bottom up with spray patterns overlapping 10 to 15 percent.

Note: In hot climates, mist-wet the surface with water and remove any puddles prior to application.

IF USING ON GREEN (NEW) CONCRETE . . .

Apply the Densifier using a low-pressure, non-atomizing spray apparatus, such as a pump-tank sprayer, a mechanical cure/slurry pump or a medium-pressure airless spray unit.

You should apply the Densifier to the newly poured concrete surface as soon as is practical following surface finishing. If you have to walk on the surface to apply the product, allow the concrete time to adequately harden so you won't imprint or mar the surface while applying. Our recommended coverage rate as a cure method is 200 square feet per gallon with patterns overlapping 10 to 15 percent.

PACKAGING AND AVAILABILITY

The Densifier is available from authorized distributors of Applied Concrete Technology, Inc. in 5-gallon pails and 55-gallon drums.

FLAMMABILITY

The Densifier is not combustible or flammable. It has no flash point.