

# 4EVERCRETE

## PRODUCT INFORMATION

**WHAT IT DOES** 4EVERCRETE, 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, 4EVERCRETE has been shown to penetrate up to 7 ¾ 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 product waterproofs and seals the concrete from the inside. Even though 4EVERCRETE 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 4EVERCRETE does not become brittle, unlike other sealers.

**HOW IT WORKS** How does 4EVERCRETE 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** 4EVERCRETE 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. It helps protect concrete against road salt, airport deicing solutions and other chloride and non-chloride solutions. Safety is another feature of the product. 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. It will not impair surface traction or bonding ability. This is especially helpful when using paint, polyurethanes, epoxies and adhesives.

**WHAT IT IS** 4EVERCRETE is a cloudy white (which dries clear), non-petroleum, odorless, environmentally neutral (safe) penetrate in a colloidal liquid base.

**HOW TO USE** 4EVERCRETE 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 150-200 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 4EVERCRETE 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 4EVERCRETE 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 150-200 square feet per gallon with patterns overlapping 10 to 15 percent.

**PACKAGING AND AVAILABILITY** 4EVERCRETE is available from authorized distributors of ECI in 5- gallon pails and 55-gallon drums.

**FLAMMABILITY** 4EVERCRETE is not combustible or flammable. It has no flash point.