



INDUSTRIAL STRENGTH SURFACE PROTECTION

Ultra-Ever Dry is a superhydrophobic coating that will repel most water-based liquids.

Ultra-Ever Dry uses proprietary technology to coat an object and create a surface chemistry and texture with patterns of geometric shapes that have “peaks” or “high points”. These high points repel water, wet concrete, and other liquids unlike any other coating.

Ultra-Ever Dry has vastly improved adhesion and abrasion resistance, compared to previous superhydrophobic technologies, allowing it to be used in applications where greater durability is required.

Save money. Improve safety.

Ultra-Ever Dry makes it easy to keep products clean and protected, thus extending life, ensuring safety and saving money. It’s versatility makes it suitable for many applications.

How does it work?

The bottom coat bonds to most materials and acts as a primer. It provides a consistent material for the top coat to bond to while interacting with the top coat to self-assemble the surface, creating finely textured geometry. This surface is comprised of patterns of geometric shapes and billions of interstitial spaces. There are “high points” in the surface that help to create a low surface energy, which causes droplets of water to touch a very small percentage of the coating. The water in the droplet that does not touch these “high points” is held together by intermolecular cohesive forces of the water molecules. It is the combination of these elements that allow Ultra-Ever Dry® to be superhydrophobic.

Features and Benefits

Superhydrophobic - superior water repelling property that causes a water droplet to have a contact angle that exceeds 150 degrees.

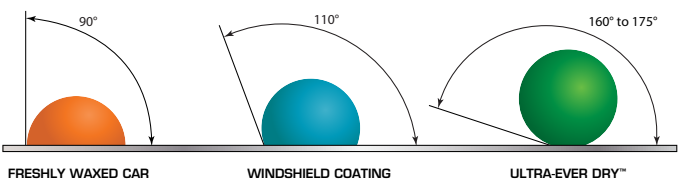
Additional Benefits

- + Superhydrophobic - Superior water repellent
- + Icephobic - Repels and reduces the formation of ice
- + Anti-Corrosion - Repels water, saltwater and aqueous acids and bases

- + Anti-Contamination - Liquids that contain bacteria and radiation never actually touch the surface
- + Self Cleaning - Dust and dirt are easily removed with low pressure water
- + Product life-extending - Prevent build up of liquids that cause products to fail

Applications

- + Paper & Pulp Mills
- + Vehicles & Equipment
- + Machinery & Components
- + Boats & Shipyards
- + Tools
- + Concrete & Brick
- + Rigs & Walkways
- + Corrosive Environments
- + Structures & Buildings
- + Military
- + Electronics
- + Factories
- + Motors
- + Nuts, bolts & Hardware



Part# Bottom Coat	Part # Top Coat	Size	Color	Average Coverage sq. ft. (sq. m)*
4002	4012	1 Gallon (3.8 L)	Translucent White	250 (23)
4008	4018	50 Gallons (189 L)	Translucent White	12,500 (1,150)
4122	Ultra-Mini Sprayer (Air cartridge sprayer) Note: International part numbers available at UltraEverDry.com			
4126	Ultra-Mini Sprayer, Replacement Cartridges (12-pack) Note: International part numbers available at UltraEverDry.com			



UltraTech International, Inc.
11542 Davis Creek Court, Jacksonville, Florida 32256 USA
1-904-292-1611 · www.ultraeverdry.com

UNTREATED