



ANTI-SLIP SURFACES

For over 35 years, Unelko Corporation has researched, developed, patented and marketed advanced surface care technologies for the cleaning, preservation and enhancement of everyday surfaces ranging from windshields and windows to sinks, bathtubs, showers, tables and counters. All of Unelko's products are predicated on the well-established need to improve the water, soil & stain repellency of surfaces to reduce the adhesion & buildup of re-soiling for easier cleaning.

Whether cleaned and shielded with the INVISIBLE SHIELD, CLEANSHIELD and RAIN CLEAR coating products – or the newly-patented SANI-SHIELD and CLEAN & SHIELD dual-action products – surfaces treated with them are remarkably smooth to the touch **when dry**. This beneficial attribute has periodically raised the question, ***“Will it make the surface slippery, possibly dangerous when wet?”*** Implicit in the question is the legitimate concern regarding slippage in bathrooms; particularly when stepping into wet bathtubs and showers, or out onto tile floors with wet feet.

The answer is an emphatic, “NO!” The facts are clear: Water & soil repellent (hydrophobic) surfaces are proven to ***displace water***, allowing feet to contact a “dry” surface underneath the water. This important benefit actually prevents slippage even in a bathtub or shower that is filled or partially filled with water.

Importantly, the Unelko products treat and coat only the microscopic pores of surfaces. The coatings are virtually inert, and are resistant to removal by soaps, solvents or detergents. No Unelko product contains surfactants or other non-drying “wetting agents” as are typically contained in conventional cleaners. When left on the surface – even in minute quantities – it is these (hydrophilic) wetting agents that actually promote slippage.

When used and applied as directed, the Unelko surface care technologies actually impart important anti-slip properties to surfaces when wet...and smooth soil-resistant properties when dry. Thus, even etched or abraded tub or shower surfaces can be made water & soil repellent without loss of their desired properties.

It is easy to demonstrate the unique anti-slip properties of Unelko's invisible hydrophobic coatings on treated and untreated porcelain sinks, acrylic bathtubs and ceramic floor tiles. For safety's sake, we recommend using hands to simulate the action of feet. Treated surfaces should be sprayed with water, and the hand should be pushed across the surface as would a foot stepping on the wet surface (the hand will dramatically resist slipping). An untreated surface of the same material should be washed with a typical bathroom liquid cleaner, and then sprayed with water. When the hand is similarly pushed across the surface, it will slide uncontrollably; thereby proving the anti-slip benefits of the Unelko products.