m4me
Property services

Our hydrophobic coating is considered eco-friendly primarily because of its chemical composition, high efficiency, and the secondary environmental benefits it provides throughout its lifecycle.

Unlike many traditional hydrophobic treatments that rely on synthetic polymers or heavy fluorocarbons, our system uses a natural foundation.

1. Natural Silica-Based Formula

The core of our coating is **Silicon Dioxide**, the same compound found in nature as sand or quartz.

- **Sustainability:** Using mineral-based silica is generally more sustainable than manufacturing synthetic polymer silicones, which often involve more complex and energy-intensive chemical processes.
- **Biodegradability:** Because it is essentially a "liquid glass" made from mineral components, it is more compatible with the environment than long-chain synthetic plastics.

2. Radical Reduction in Maintenance Chemicals

The primary "eco" benefit of our coating is what it *prevents* you from using later:

- **Chemical-Free Cleaning:** Once applied, the surface becomes "easy-clean." Contaminants like soap scum, hard water minerals, and grime cannot bond to the glass. This allows you to clean surfaces with just water and a microfiber cloth, eliminating the need for **toxic, acidic, or abrasive cleaners** that would otherwise enter the water system.
- **Water Conservation:** Because dirt doesn't "stick," cleaning requires significantly less water volume to rinse surfaces.

3. High Efficiency and Longevity

Our product is designed to minimize waste through its physical performance:

- **3-Year Lifespan:** While many DIY coatings require reapplication every few months, our coating is UV-stable and chemically bonds to the substrate. This 3-year durability reduces the frequency of product consumption and the carbon footprint associated with repeated shipping and application.

4. Safer Solvents

Our formula uses **Ethanol** as its primary carrier/solvent.

- **Low Impact:** Ethanol is a bio-based solvent (often derived from corn or grain) and is considered a "greener" alternative to the harsh petroleum-based Volatile Organic Compounds (VOCs) found in many industrial sealants.
- **Non-Irritant:** Once cured, the coating is non-irritant, making it safer for indoor environments like bathrooms and kitchens.

5. Compliance and Standards

- **EN 45001:** The product conforms to international standards for safety and quality.