

# Spotless SelfClean Glass Nano Surface Protection

Ref.10003 - Brochure

Spotless SelfClean Glass is an invisible nano-scale - extremely thin - coating of microcrystalline titanium oxide which reacts to daylight. This reaction breaks down filth on the glass, then when water hits it, a hydrophilic effect is created, so water and dirt slide off without a trace. Ideal for high rise building windows, solar panels, ...

## Nanotechnology

Nanotechnology is the latest revolution in materials. The Spotless range of surface sealants and cleaning products are manufactured at nano scale (1 nano = 1 billionth of a meter!), which gives them exceptional properties.

## Technical characteristics

**Composition:** titanium dioxide, ethanol. Does not contain detergents.

**Main benefits:** makes glass self-cleaning outdoors, thanks to combined effect of daylight and rain / water.

**Application:** clean the surface with Spotless EasyCleaner first, this will strip it clean of dirt and traces of chemical-based cleaning products, wax and silicone. Using any other surfactant-based cleaning product, as they would leave traces that would prevent the nano-particles from bonding with the glass.

Shake well before using, it is recommended to wear protective gloves. Spray the product directly on the glass, if necessary spread uniformly with a cloth but without applying pressure. Let it dry for 30 minutes then polish until glass is crystal clear. Do not touch or put in contact with water for 60 minutes.

**Quantity required:** 10 to 20ml per sqm, the product is ready to use and does not require to be diluted.

**Lifespan:** 2 to 3 years, depending on atmospheric conditions and providing only water and Spotless EasyCleaner are used.

**Drying time:** 60 minutes in ambient conditions, total curing time is 24 to 48 hours.

**Maintenance:** spray with water if rain is scarce, use Spotless EasyCleaner for removing resistant stains.

**Storage:** 1 year shelf life in closed containers. Recommended storage between 5°C and 25°C, away from direct sunlight.

**Safety:** Spotless SelfClean Glass is easily flammable and irritant for eyes and skin. See MSDS for full details.

## Application examples:



**Glass buildings, windows in high rise buildings:** self cleaning



**Solar panels:** coating them will ensure optimum performance.



**Greenhouses:** the more light comes in, the better plants grow.