



Naturally Clean Glass

Windows stay cleaner longer and clean easier.

Neat® coated glass harnesses the power of the sun's UV rays to loosen dirt so water can rinse it away, leaving windows virtually spotless. Windows stay cleaner longer and clean easier. Because Neat coated glass is available with any of our LoE coatings, you get all of the LoE coating performance benefits as well.

The science of Neat coated glass.

A variety of different technologies go into manufacturing Neat glass. But the key tech-

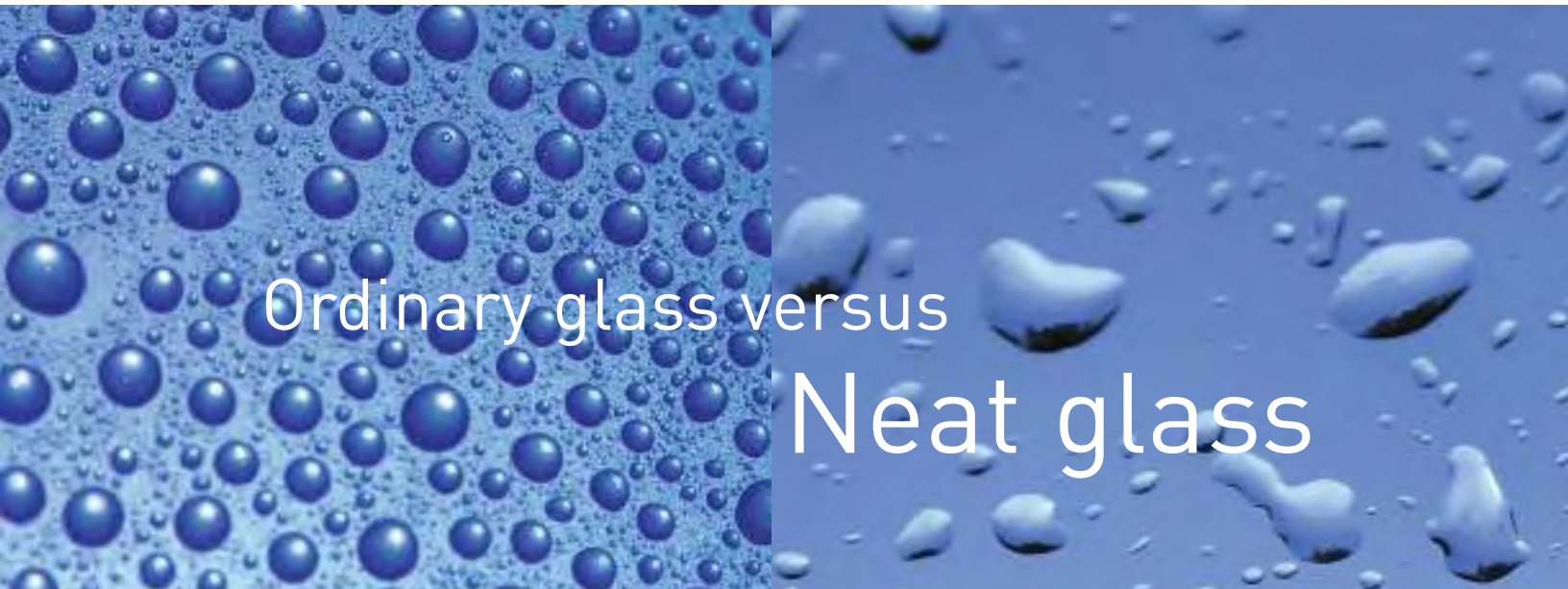
nology—the one that helps windows stay clean longer—is the super-thin coating we apply. Using our patented double-sputtering process, we apply an invisible, durable and permanent coating of silicon dioxide and titanium dioxide. The cleaning process starts with ultra-smooth glass. Silicone dioxide makes Neat glass smoother as glass ages. In fact, it's much smoother than ordinary glass. So water disperses evenly, sheets off and evaporates quickly, greatly reducing water spotting.

The sun and rain finish the job.

Titanium dioxide reacts chemically with the sun's UV rays, causing organic materials that are on the glass to decompose. It works even on cloudy days. When it rains, the decomposed dirt is rinsed away, leaving the glass almost spotless. Builders and homeowners spend less time washing windows.

Clear advantages over competitive products.

Neat coated glass allows more visible light transmittance than any comparable competitive product and is also less reflective.



Ordinary glass versus Neat glass

Ordinary Glass (Hydrophobic)

Water beads higher on rough surface of ordinary glass, causing more spots and greater cleaning needs.

Contact angle



Neat LoE Glass (Superhydrophilic)

The smooth surface disperses water evenly, removing dirt more quickly and reducing water spots.

Contact angle

