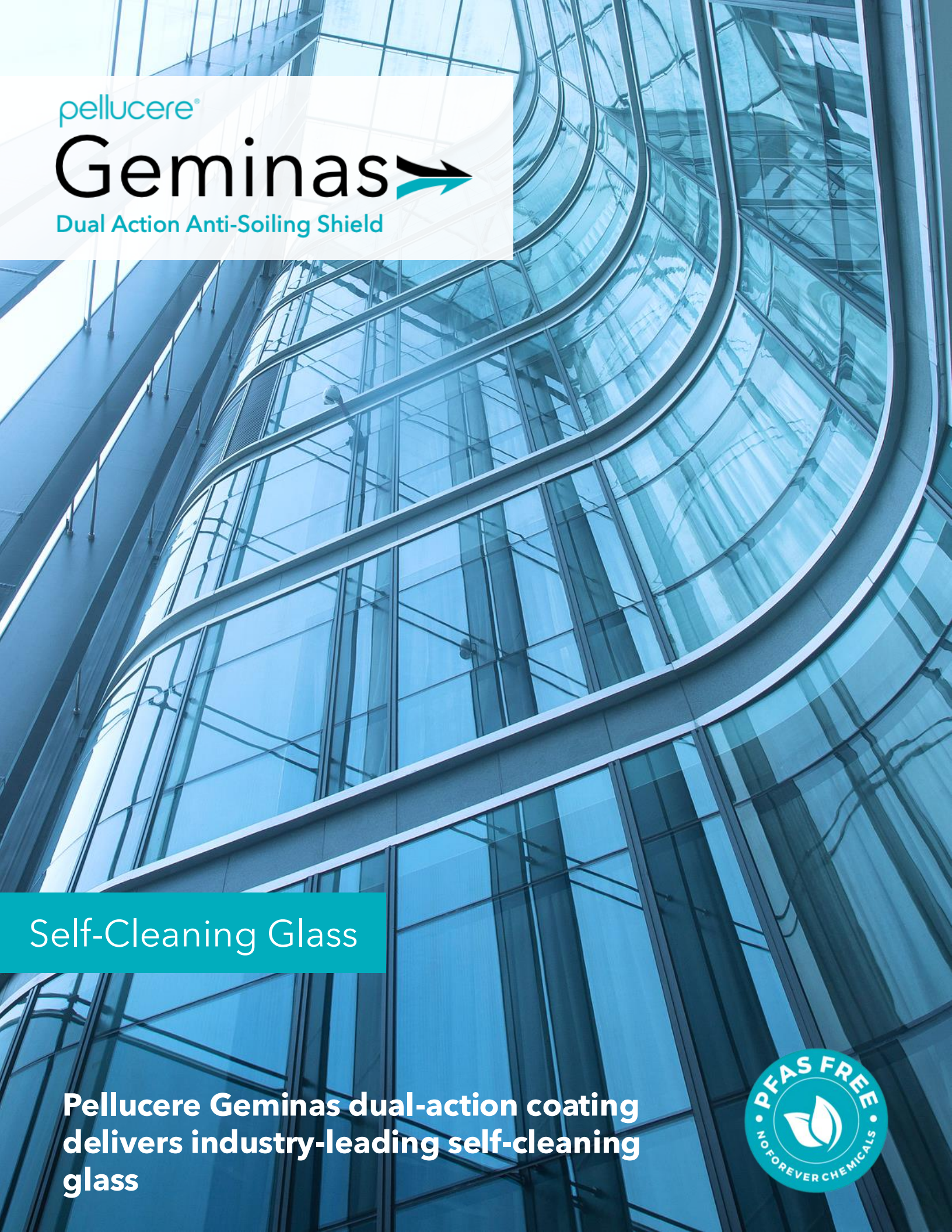


pellucere®

Geminas

Dual Action Anti-Soiling Shield

Self-Cleaning Glass

Pellucere Geminas dual-action coating delivers industry-leading self-cleaning glass

PFAS FREE
NO FOREVER CHEMICALS

Dual-Action Self-Cleaning Architectural Glass

pellucere®
Geminas
Dual Action Anti-Soiling Shield

Less Washing, Lower Costs, Clear Views

Now you can deliver industry-leading self-cleaning glass to your customers with Pellucere Technologies' Geminas Anti-Soiling Shield. Geminas delivers the best self-cleaning coating on the market at a **lower total cost**. Even better, Geminas is the most environmentally-friendly coating of its kind, with a **zero-VOC Aqua solution** that is completely **PFAS-Free**!

01 Dual Action Anti-Soiling

Combines **active self-cleaning** using solar-activated photocatalytic technology with **passive** anti-soiling enabled by super-hydrophilic surface

02 Industry-Leading Performance

Industry-leading self-cleaning performance as tested by independent lab, Geminas delivers an astonishing **100x better anti-soiling** performance than the industry leader.

03 Lower Installed Costs

Geminas is a water-based anti-soiling coating that can be installed and tempered **on the fabrication line** with standard roll-coating or other wet-deposition processes. It is also available in a **low-temperature curing** formula for annealing ovens.

04 TrueColor | TrueClear

Retain **99% + visible light transmission** with no glass discoloration or wavelength blocking common with sputtered coatings. May be combined with AR coatings to provide VLT increases up to 3%.

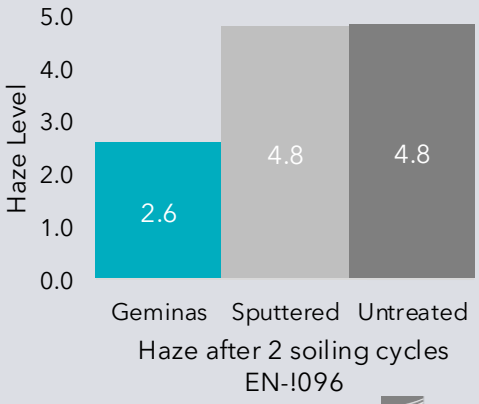
Industry-Leading Performance

Independent Lab Tests confirm that Geminas works better than other self-cleaning glass.

Geminas incorporates a photo-active anti-soiling material in a silica film with a super-hydrophilic surface to deliver a superior dual action photocatalytic solution for architectural glass and other specialty applications.

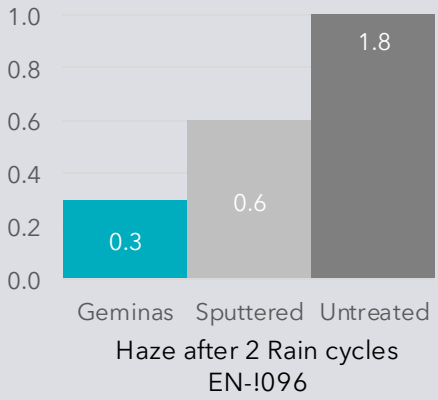
Independent laboratory testing EN 1096

Slows Soiling…



Haze after 2 soiling cycles EN-!096

… Better Self-Cleaning



Haze after 2 Rain cycles EN-!096

Fraunhofer

pellucere® TECHNOLOGIES
info@pellucere.com
pellucere.com