

ECO

Low Maintenance SSG® Self-Cleaning Glass



Upper Air
Observatory,
Singapore



PRODUCT FEATURES

MAINTENANCE SAVINGS

SSG® Self-Cleaning VariShield offers continuous cleaning with UV rays and water, which means lesser frequency and cost in cleaning efforts.

ENVIRONMENTALLY FRIENDLY

A reduced usage of cleaning agents with lesser number of cleanings cut down on water usage and chemical waste.

WORKS ON A CLOUDY DAY

As 80% of the UV radiation gets through the cloud cover, SSG® Self-Cleaning VariShield is still able to break down organic dirt on a less sunny day.

USES AND APPLICATIONS

- Commercial buildings • Educational institutions • Government and public sector buildings • Hospitals
- Shopping centres • Façades
- Skylights • Canopies

APPLICABILITY

SSG® Self-Cleaning VariShield also comes with an optional Low Emissivity coating on the other side of the glass for solar control. With this unique dual coating, you can now reap both benefits of low maintenance cost and low energy consumption.

Do you know? SSG® Self-Cleaning VariShield can also be laminated or double-glazed.

SSG® Self-Cleaning VariShield offers an innovative solution to reducing your cleaning bills of the façades as it will stay clean longer and allow easier cleaning when needed. It will reduce the cleaning maintenance tremendously by self-cleaning through natural elements such as the sun's ultraviolet (UV) rays and water. The UV light breaks down organic dirt on the glass, while rainwater washes

away the dirt.

It is thus an eco-friendly solution as all it needs is a little sun and rain to activate the self-cleaning process.

Note: Self-Cleaning does not imply that the glass needs no cleaning. A minimal amount of cleaning is still required.

SPECIFICATIONS : Production Sizes

	Minimum Size (W/mm x H/mm)	Maximum Size (W/mm x H/mm)
Annealed	300 x 300	3,300 x 5,180
Tempered / Heat-Strengthened/ Tempered Heat-Soaked		2,500 x 5,180