

SGG **BIOCLEAN**[®] *Self-cleaning glass*

*"Hi darling...
I'm just cleaning the windows!"*



SGG BIOCLEAN®

One less chore in life!

Application

SGG BIOCLEAN is the ideal glass solution for external glazing exposed to light and rain, in residential or commercial buildings, both for new and refurbishment projects.

SGG BIOCLEAN can be used in all environments and is particularly effective in heavily polluted areas. It can be installed vertically or in the inclined position.

Description

SGG BIOCLEAN is a dual action self-cleaning glass manufactured by depositing onto glass a transparent coating composed of hydrophilic and photocatalytic mineral material.

Product range

Thickness : 4-6-8-10mm

Size : Jumbo size and split sizes

Other thickness and dimensions, please ask us.

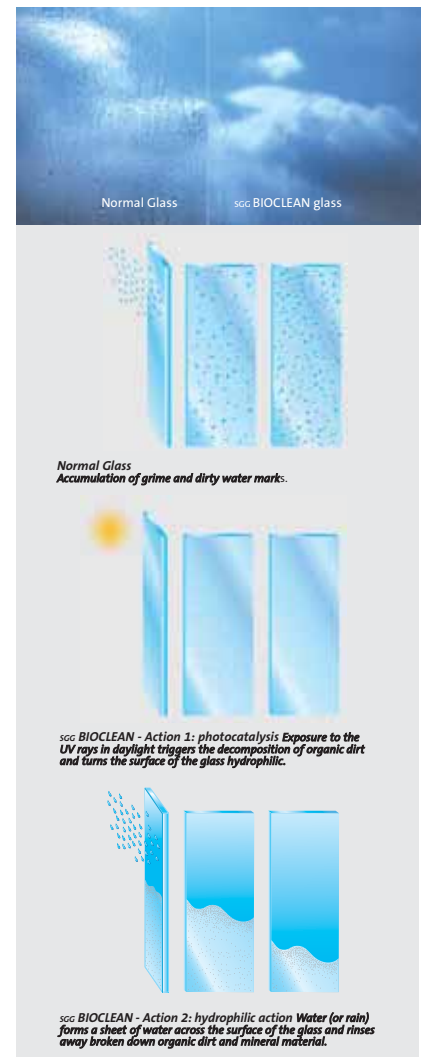
Product name	Low maintenance	Low-E	Solar control	Temperability
SGG BIOCLEAN on clear	✓			✓
SGG BIOCLEAN COOL-LITE ST	✓		✓	✓
SGG BIOCLEAN COOL-LITE SKN	✓	✓	✓	
SGG BIOCLEAN PLANISTAR	✓	✓		
SGG BIOCLEAN DIAMANT II	✓			must be tempered
SGG BIOCLEAN PLANITHERM UN II	✓	✓		must be tempered

Benefits

- Less frequent and much easier cleaning
- Maintenance cost saving
- Ideal for hard to reach areas
- Very long lifetime coating
- Environmentally friendly
- Available with energy efficient coatings on the same glass
- Neutrality and transparency as for normal glass
- Available on extra-clear glass
- LEED compliance

Processing

SGG BIOCLEAN can be processed as normal glass: tempered, laminated, assembled in double glazing unit, curved, screen-printed or enamelled. All direct contact with silicone sealants must be avoided. Please read our processing, installation and maintenance instructions.



Performances

Products	Light transmittance LT (%)	External light reflectance LRe (%)	Solar factor g	Shading coefficient	U-value W/(m².K)
SGG BIOCLEAN 6mm	86	11	0.80	0.93	5.7
SGG BIOCLEAN DIAMANT II 8mm	88	11	0.86	0.99	5.7
SGG BIOCLEAN COOL-LITE ST 150 + PLANITHERM T *	42	22	0.38	0.44	1.3
SGG BIOCLEAN COOL-LITE SKN 154 *	49	20	0.26	0.30	1.1
SGG BIOCLEAN PLANISTAR *	67	15	0.40	0.46	1.1
SGG BIOCLEAN PLANITHERM UN II *	75	15	0.54	0.62	1.1

Average values according to EN norms, and subject to modifications.
SGG BIOCLEAN complies with the requirements of the class C of the standard EN 1096 and is CE marked.

* DGU 6mm + 16mm Argon + 6mm

SGG COOL-LITE, SGG BIOCLEAN, SGG PLANITHERM, SGG DIAMANT, SGG PLANISTAR all other devices and logos are registered trademarks of Saint-Gobain