

# SGG Antelio Plus



## Description

**SGG Antelio Plus** is a solar control glass which is ideal for facades and windows where the incident heat needs to be cut down while letting ample amount of light inside. It is a product that can be used in single glazing as well as double glazing to ensure that the residents of the building get protection from the effects of extreme weather.

**SGG Antelio Plus** gets its solar control qualities, from state-of-the-art technology –Physical Vapor Deposition (PVD), that's used to manufacture it. In PVD, the glass is coated with a highly resistant stable coating, which imparts it, its reflective appearance, and other solar control properties.

An ideal offering for those architects/ designers, who are always on a look out for glass with higher light transmission, very low reflection and soothing colors, this product is definitely a wish come true!

## Product application

Ideal for large scale applications such as offices, commercial, educational and industrial structures and apartment blocks, SGG Antelio Plus is best suited to be used in:

- Windows
- Skylights
- Small to medium façades

## Range

- SGG Antelio Plus Sparkling Ice ST 167
- SGG Antelio Plus Emerald Glaze ST 467

- SGG Antelio Plus Blue Ray ST 767

## Performance Table

Product values given for 6mm | Luminous and Solar Characteristics are determined as per EN 410 | Thermal transmittance is determined as per EN 673

### Single Glazing

Product	Visual comfort	Visual comfort	Visual comfort	Thermal comfort	Thermal comfort	Thermal comfort
Product	Visual light transmission (%)	External Reflection (%)	Internal Reflection (%)	Solar Factor (SF / SHGC)	Shading co-efficient (SC)	U-value (W/m2K)
SGG Antelio Plus Sparkling Ice ST 167	67	19	19	0.68	0.78	5.6
SGG Antelio Plus Emerald Glaze ST 467	55	14	18	0.5	0.57	5.6
SGG Antelio Plus Blue Ray ST 767	42	10	18	0.46	0.52	5.6

### Double Glazing

Product	Visual comfort	Visual comfort	Visual comfort	Thermal comfort	Thermal comfort	Thermal comfort
Product	Visual light transmission (%)	External Reflection (%)	Internal Reflection (%)	Solar Factor (SF / SHGC)	Shading co-efficient (SC)	U-value (W/m2K)

Product	Visual comfort	Visual comfort	Visual comfort	Thermal comfort	Thermal comfort	Thermal comfort
SGG Antelio Plus Sparkling Ice ST 167	60	22	23	0.6	0.68	2.8
SGG Antelio Plus Emerald Glaze ST 467	50	17	23	0.40	0.46	2.8
SGG Antelio Plus Blue Ray ST 767	38	12	22	0.36	0.41	2.8



SGG Cool-lite