

SGG PLANITHERM

SGG PRISTINE WHITE (PLT T)

WELL – LIT SPACES WITH PRISTINE VIEWS

OFFERING ADVANCED OCCUPANT COMFORT



SGG PRISTINE WHITE (PLT T)

SGG Pristine White is an advanced thermal insulation glass for energy efficient glazing. Manufactured by deposition of specialized metallic oxides, SGG Planitherm is created using a magnetically enhanced Nano - technology based sputtering process. Its pristine views help you enjoy natural views in your living space. SGG Planitherm redefines the art of glazing by adding comfort to your life.

FEATURES

SGG Pristine white is engineered exclusively for buildings that need ample daylight.

- High thermal insulation
- Enhanced light transmission
- Subtle reflections
- Clear views



THICKNESSES

- Standard thicknesses of 4mm, 5mm, 6mm are available
- 8mm and 10 mm on special request.



PROCESSING

To obtain its performance and aesthetics, SGG Pristine White must be

- Tempered /Heat Strengthened
- Assembled into an IGU

SGG Pristine White can also be used as

- Laminated units
- Bent units



APPLICATIONS

- Structural glazing
- Façade glazing
- Bolted systems
- Curtain wall glazing
- Fenestration applications.
- Best suited for buildings having high indoor daylighting requirements



SUSTAINABILITY

As the world leader in glass manufacturing for the construction market, Saint-Gobain worldwide is committed to provide innovative solutions to two key challenges of the future:

- Environmental protection
- Energy savings
- SGG Pristine White conforms to:



654 PPM

PURITY KA PERFECT MEASURE.

PRODUCT PERFORMANCE

SGG PRISTINE WHITE (PLT T)

6 mm Coated Glass (Coating Face 2) – 12 mm Air Gap – 6 mm Clear Glass

LIGHT FACTORS

TRANSMISSION (%)	REFLECTION (%)	
	EXTERNAL	INTERNAL
75	12	12

(EN) ENERGY FACTORS (EN)

SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.57	0.66	1.8

(NFRC) ENERGY FACTORS (NFRC)

SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.55	0.64	1.8

Thermal transmittance factors are determined by EN 673
Solar and Luminous factors are determined by EN 410

Solar Characteristics as per NFRC 200/300-2010
Thermal Transmittance as per NFRC 100 -2010.

SGG PRISTINE WHITE (PLT T)

SGG PRISTINE WHITE UNDER SUNNY CONDITIONS



SGG PRISTINE WHITE UNDER OVERCAST CONDITIONS

