SGG PLANITHERM

SGG MINT GREEN (PLT TG)

WELL – LIT SPACES WITH PRISTINE VIEWS

OFFERING ADVANCED OCCUPANT COMFORT

SAINT-GOBAIN

SGG MINT GREEN (PLT TG)

SGG Planitherm MINT GREEN 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 Mint green 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 available on special request.

PROCESSING

To obtain its performance and aesthetics, SGG Mint green must be

- Tempered /Heat Strengthened
- Assembled into an IGU

SGG Mint green 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 MINT GREEN conforms to:

AGR Active Glare Reduction

Planitherm Mint Green, an energy efficient glass on a tinted base comes with **Active Glare Reduction**, filtering out glare like none other. So that you get to enjoy enhanced visual comfort, higher productivity and a whole world of wellbeing.

PRODUCT PERFORMANCE

SGG MINT GREEN (PLT TG)

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

LIGHT FACTORS		
TRANSMISSION	REFLECTION (%)	
(%)	EXTERNAL	INTERNAL
62	9	11

(EN) ENERGY FACTORS (EN)		
SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0. 40	0.46	1.8

(NFRC) ENERGY FACTORS (NFRC)		
SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.39	0.44	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.

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SGG MINT GREEN UNDER SUNNY CONDITIONS

SGG MINT GREEN UNDER OVERCAST CONDITIONS