

# SGG NANO

## SGG TROPICA GREEN (KT 440)

ADVANCED THERMAL INSULATION  
OFFERING OCCUPANT PRIVACY



SAINT-GOBAIN

# SGG TROPICA GREEN (KT 440)

SGG Nano is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Tropic Green is an energy efficient glass on a green tinted base. It is a product which confluentes the best of aesthetics, practical transparency, comfort and optimum lighting features.

## FEATURES

SGG Tropic Green offers excellent inside out-vision while the exterior façade shines in its sheer brilliance.

- Versatile range in aesthetics and performance
- Optimum VLT
- Low U value
- Green tinted substrate
- Low reflections
- Advanced solar control
- Advanced thermal protection
- UV protection

## THICKNESSES

- Standard thicknesses of 5mm and 6mm are available
- 8mm available on special request

## PROCESSING

SGG Tropic Green is suited for use in double glazed units. To obtain its performance and aesthetics, SGG Tropic Green can be

- Tempered /Heat Strengthened
- Assembled into an IGU
- Laminated units
- Bent units

## APPLICATIONS

- Windows
- Skylights
- Structural glazing
- Façade glazing
- Bolted systems
- Curtain wall glazing
- Fenestration applications.

## SUSTAINABILITY

As the world leader in glass manufacturing for the construction market, Saint-Gobain worldwide is committed to provide innovative solutions.

SGG Tropic Green can add value in occupant comfort, energy efficiency and is a sustainable product with recycled content. This will suit the requirements of green building labelling systems like:



SGG Tropic Green products conform to:



## SAINT-GOBAIN GUARANTEE

**654 PPI**

PURITY KA  
PERFECT  
MEASURE.



TO KNOW MORE ON PRODUCT SELECTION, REACH OUT TO US HERE

## PRODUCT PERFORMANCE

### SGG TROPICA GREEN (KT 440)

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

TYPE	LIGHT FACTORS			ENERGY FACTORS			ENERGY FACTORS		
	TRANSMISSION (%)	REFLECTION (%)		(EN) SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE	(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
		EXTERNAL	INTERNAL						
DGU	31	17	12	0.22	0.25	1.8	0.24	0.27	1.8

Luminous factors calculated with CIE (15-2004) D65 lighting Conditions

Solar Transmission Characteristics as per EN 410  
Thermal Conductance as per EN 673

Solar Transmission Characteristics as per NFRC 200/300  
Thermal Conductance as per NFRC 100

# SGG TROPICA GREEN (KT 440)

SGG TROPICA GREEN UNDER SUNNY CONDITIONS



SGG TROPICA GREEN UNDER OVERCAST CONDITIONS

