SGG NANO

SGG NANO ZEPHYR GREEN (KT 430)

ADVANCED THERMAL INSULATION

OFFERING OCCUPANT PRIVACY

SAINT-GOBAIN

SGG Nano Zephyr Green (KT 430)

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

FEATURES

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

- Versatile range in aesthetics and performance
- Low reflections
- 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 Nano Zephyr Green is suited for use in double glazed units. To obtain its performance and aesthetics, SGG Nano Zephyr 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 Nano Zephyr 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 Nano Zephyr Green products conform to:

SAINT-GOBAIN GUARANTEE

654 PPM

PURITY KA PERFECT MEASURE.

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

PRODUCT PERFORMANCE

SGG Nano Zephyr Green (KT 430)

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	SHGC / SF	SC	(W/Sq.m K)	SHGC / SF	SC	(W/Sq.m K)
DGU	26	16	13	0.2	0.22	1.8	0.22	0.25	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 Nano Zephyr Green (KT 430)

SGG NANO ZEPHYR GREEN UNDER SUNNY CONDITIONS

SGG NANO ZEPHYR GREEN UNDER OVERCAST CONDITIONS