SGG NANO SGG NANO ZEPHYR GREEN (KT 430)

ADVANCED THERMAL INSULATION OFFERING OCCUPANT PRIVACY





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

Section 2014 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

H APPLICATIONS

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

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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:





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

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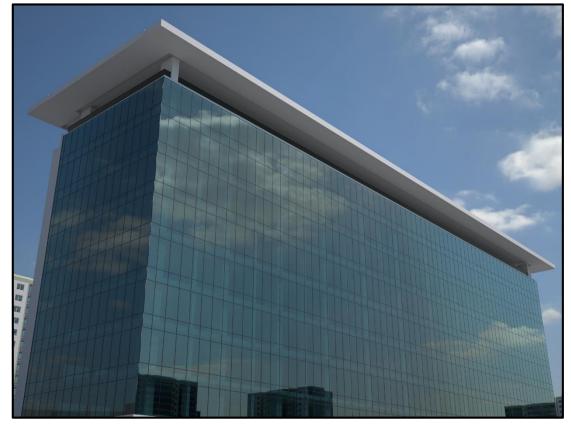
	LIGHT FACTORS				(EN) ENERGY FACTORS			(NREC)	(NRFC)	ENERGY FACTORS	
TYPE	TRANSMISSION	REFLECT	TION (%)		SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE		SOLAR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
	(%)	EXTERNAL	INTERNAL		SHGC / SF	SC	(W/Sq.m K)		SHGC / SF	SC	(W/Sq.mK)
DGU	26	16	13		0.2	0.22	1.8		0.22	0.25	1.8

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



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SGG NANO ZEPHYR GREEN UNDER SUNNY CONDITIONS



SGG NANO ZEPHYR GREEN UNDER OVERCAST CONDITIONS

