

SGG NANO

SGG NANO ZEPHYR (KT 130)

ADVANCED THERMAL INSULATION
OFFERING OCCUPANT PRIVACY



SAINT-GOBAIN

SGG NANO ZEPHYR (KT 130)

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

FEATURES

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

- Optimum light transmission
- Versatile range in aesthetics and performance
- Low reflections
- Advanced solar control
- Advanced thermal protection
- UV protection

THICKNESSES

- Standard thicknesses of 4mm, 5mm and 6mm are available
- 8mm, 10mm and 12mm are available on special request

PROCESSING

SGG Nano Zephyr is suited for use in double glazed units. To obtain its performance and aesthetics, SGG Nano Zephyr 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 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 products conform to:



SAINT-GOBAIN GUARANTEE

654 PPI

PURITY KA
PERFECT
MEASURE.



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PRODUCT
SELECTION, REACH
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PRODUCT PERFORMANCE

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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	22	14	0.25	0.29	1.8	0.26	0.3	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

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SGG NANO ZEPHYR UNDER SUNNY CONDITIONS



SGG NANO ZEPHYR UNDER OVERCAST CONDITIONS

