## SGG NANO SGG CITRON FROST (KT 464)

ADVANCED THERMAL INSULATION OFFERING OCCUPANT PRIVACY





### sgg CITRON FROST (KT 464)

SGG Nano is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Citron Frost 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 Citron Frost offers excellent inside out-vision while the exterior façade shines in its sheer brilliance.

- Versatile range in aesthetics
  and performance
- Green tinted substrate
- High visual light transmission
- Low reflections
- Advanced solar control
- Advanced thermal protection
- UV protection

#### S H THICKNESSES

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

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SGG Citron Frost is suited for use in double glazed units. To obtain its performance and aesthetics, SGG Citron Frost 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.

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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 Citron Frost 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 Citron Frost products conform to:



#### SAINT-GOBAIN GUARANTEE





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

#### **PRODUCT PERFORMANCE**

#### SGG CITRON FROST (KT 464)

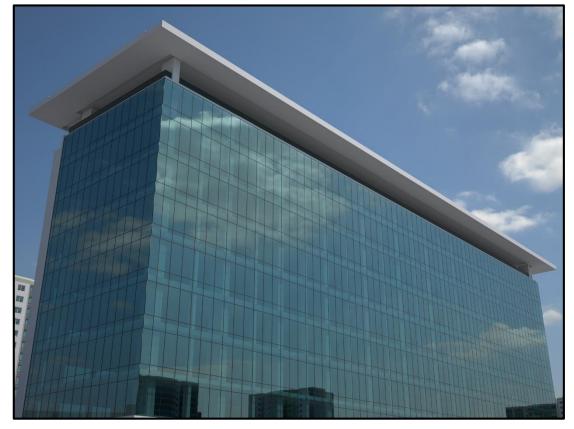
DGU: 6 mm Coated Glass (Coating Face 2) - 12 mm Air Gap - 6 mm Clear Glass

LIGHT FACTORS					(EN) ENERGY FACTORS			Г	(NRFC) ENERGY FACTORS		
ТҮРЕ	TRANSMISSION	REFLECT	10N (%)	l	SOLAR	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.m K)
DGU	47	11	10		0.33	0.37	1.9		0.34	0.39	1.9

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 CITRON FROST (KT 464)

SGG CITRON FROST UNDER SUNNY CONDITIONS



#### SGG CITRON FROST UNDER OVERCAST CONDITIONS

