# SGG NANO SGG OLIVE (KT 455)

ADVANCED THERMAL INSULATION OFFERING OCCUPANT PRIVACY





# sgg OLIVE (KT 455)

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

#### **FEATURES**

SGG Olive 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

# Section 2014 THICKNESSES

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

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







PURITY KA PERFECT MEASURE.

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

### **PRODUCT PERFORMANCE**

#### SGG OLIVE (KT 455)

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

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TYDE TRANSMISSION REFLECTION (%) SOLAR SHADING (EN) SOLAR SHADING (NE						(EN)				(NRFC) ENERGY FACTORS			
I I I FACION I CO-EFFICIENT I O-VALUE I FACION I CO-EFFICIENT I O-VA	ТҮРЕ	TRANSMISSION	REFLECT	ΓΙΟΝ (%)		SOLAR		· · /		SOLAR		(NRFC) U-VALUE	
(%) EXTERNAL INTERNAL SHGC / SF SC (W/Sq.m K) SHGC / SF SC (W/S		(%)	EXTERNAL	INTERNAL								(W/Sq.m K)	
DGU 39 13 10 0.27 0.31 1.9 0.29 0.33 1	DGU	39	13	10		0.27	0.31	1.9	ľ	0.29	0.33	1.8	

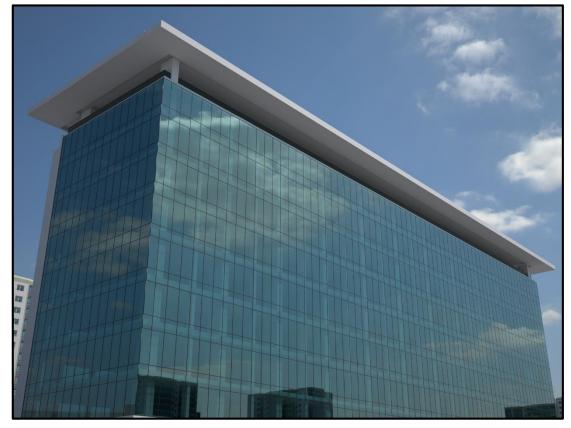
CIE (15-2004) D65 lighting Conditions

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 OLIVE UNDER SUNNY CONDITIONS



# SGG OLIVE UNDER OVERCAST CONDITIONS

