

# SGG NANO

## SGG HARMONY GREEN (KT 425)

ADVANCED THERMAL INSULATION  
OFFERING OCCUPANT PRIVACY



# SGG GREEN HARMONY (KT 425)

SGG Nano is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Harmony Green is an energy efficient glass on a green tinted base. It is ideal for today's buildings where there is a need to optimize the high external lux levels, thus giving the occupant the benefit of optimum daylight while protecting them from the harsh glare.

## FEATURES

SGG Harmony Green is an advanced high performance glass which strikes a perfect balance between aesthetics and performance.

- Supreme aesthetics and performance
- Low solar factor
- Low U-Value
- Optimum comfort throughout the year
- Minimum visual glare
- UV protection



## THICKNESSES

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



## PROCESSING

SGG Harmony Green is suited for use in double glazed units. To obtain its performance and aesthetics, SGG Green Harmony can be

- Tempered /Heat Strengthened
- Assembled into an IGU
- Laminated units
- Bent units



## APPLICATIONS

- Windows
- Skylights
- Structural glazing
- Façade glazing
- 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 Harmony 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 Harmony Green 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

### SGG Harmony Green (KT 425)

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  | 20               | 17             | 16       | 0.16              | 0.19                 | 1.7          | 0.18                | 0.2                  | 1.7            |

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 HARMONY GREEN (KT 425)

SGG HARMONY GREEN UNDER SUNNY CONDITIONS



SGG HARMONY GREEN UNDER OVERCAST CONDITIONS

