

SGG NANO

SGG WINTER MIST (KT 164)

ADVANCED THERMAL INSULATION
OFFERING OCCUPANT PRIVACY



SAINT-GOBAIN

SGG WINTER MIST (KT 164)

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

FEATURES

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

- Versatile range in aesthetics and performance
- High VLT
- Low U Value
- Low reflections
- Advanced solar control
- Advanced thermal protection
- UV protection



THICKNESSES

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



PROCESSING

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



SAINT-GOBAIN GUARANTEE

654 PPI

PURITY KA PERFECT MEASURE.



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

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	57	14	10	0.47	0.54	1.9	0.46	0.53	1.9

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 WINTER MIST UNDER SUNNY CONDITIONS



SGG WINTER MIST UNDER OVERCAST CONDITIONS

