

SGG NANO

SGG ICY MENTHOL (KT 140)

ADVANCED THERMAL INSULATION
OFFERING OCCUPANT PRIVACY



SAINT-GOBAIN

SGG ICY MENTHOL (KT 140)

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

FEATURES

SGG Icy Menthol 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 5mm and 6mm are available
- 8mm, 10mm and 12mm are available on special request

PROCESSING

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

SGG ICY MENTHOL (KT 140)

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

TYPE	LIGHT FACTORS		
	TRANSMISSION (%)	REFLECTION (%)	
		EXTERNAL	INTERNAL
DGU	37	23	222

ENERGY FACTORS		
(EN) SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.29	0.33	1.8

ENERGY FACTORS		
(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.29	0.33	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 ICY MENTHOL UNDER SUNNY CONDITIONS



SGG ICY MENTHOL UNDER OVERCAST CONDITIONS

