



sgg STERLING SILVER (ST 120)

SGG Cool-Lite is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Sterling Silver offers occupant comfort with its high external reflection and advanced solar control property.

FEATURES

SGG Cool-Lite offers flexibility in terms of application, thereby suited for a huge spectrum of varied types of building. SGG Sterling Silver has the following features

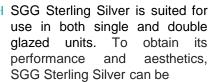
- · Solar control
- · High External Reflection
- · UV protection
- · Optimum light transmission
- · Minimum visual glare
- Versatility in aesthetics and performance



HTHICKNESSES

- Standard thicknesses of 4mm, 5mm and 6mm are available
- 8mm, 10mm and 12mm are available on special request

PROCESSING



- 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 Sterling Silver 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 Sterling Silver products conform to:









SAINT-GOBAIN GUARANTEE



PURITY KA PERFECT MEASURE.



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

PRODUCT PERFORMANCE

SGG STERLING SILVER (ST 120)

SGU: 6 mm Coated Glass (Coating Face 2)

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

	LIGHT FACTORS		
TYPE	TRANSMISSION	REFLECTION (%)	
	(%)	EXTERNAL	INTERNAL
SGU	20	32	27
DGU	18	32	30

(EN) ENERGY FACTORS				
SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE		
SHGC / SF	SC	(W/Sq.m K)		
0.29	0.33	5.2		
0.21	0.25	2.6		

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(NRFC)	ENERGY FACTORS (NRFC)		
SOLAR	SHADING	U-VALÚE	
FACTOR	CO-EFFICIENT	SUMMER	
SHGC / SF	SC	(W/Sq.m K)	
0.32	0.37	5.2	
0.24	0.27	2.5	



sgg STERLING SILVER (ST 120)

SGG STERLING SILVER UNDER SUNNY CONDITIONS



SGG STERLING SILVER UNDER OVERCAST CONDITIONS

