

TITLE

SGG COOL- LITE® SKN 174II

SUBTITLE

High performance solar control glass with advanced thermal insulation properties



DESCRIPTION

SGG COOL- LITE SKN 174 II, the high performance curved temperable double silver coating, is a solar control glass with high light transmittance and excellent solar factor.

This coating has the highest light transmittance of the SGG COOL- LITE SKN range but also reduces solar heat transmittance by up to 59%. The high amount of light it lets through makes it the most neutral in appearance within the range.

The selectivity of the product allows architects and specifiers to utilise large areas of glazing and create bright, airy spaces while keeping the solar heat to manageable levels.

RANGE

Product	Thickness	Dimension
SKN174II	5mm	3050mm*2134mm/2440mm 3300mm*2134mm/2440mm
	6/8/10mm	3050mm*2134mm/2440mm 3300mm*2134mm/2440mm 3660mm*2540mm
	12mm	3050mm*2134mm/2440mm 3300mm*2134mm/2440mm

Max (SGG C): 6mm(4200mm*2440mm)
8mm/10mm(4200mm/4500mm*2440mm)

Max(SGG D) : 6mm/8mm/10mm/12mm(9300*3210mm)

PERFORMANCE

Product	Structure	Face	Luminous factor (%)		SC	U value (W/m ² ·K)	
			TL	RLe		Air	Argon
SKN174 II	6-12-6	2	68	11	0.48	1.6	1.2
	6-16-6	2	68	11	0.47	1.4	1.1

PRODUCT APPLICATION

Offices and commercial buildings
Industrial buildings
Hotels and restaurants
Schools and Hospitals
Conservatories and atria glazing

ADVANTAGE

More environmentally- friendly cooling solution with less need for costly air- conditioning or blinds.
Gently filters light to reduce uncomfortable glare from direct sun rays, whilst still allowing in plenty of natural light.
Excellent thermal insulation to reduce the need for internal heating during colder months.