

REFLECTASOL®



Description

REFLECTASOL, is a reflective, solar control glass, carefully designed to meet two requirements of architects:

- heat resistance on the inside
- and great exterior appearance, for better living and better working

The process known as ‘On-line pyrolytic coating’ (wherein a silicon based coating is applied to the glass surface by means of pyrolysis) gives the coating a number of properties:

- Total integration into the surface of the glass
- Strength and stability over time
- Specific solar control properties limiting glare inside the building

This product provides functional benefits like solar control and glare reduction.

BENEFITS

The solar control properties and reflective appearance help keep the interiors cool and bring the power consumption down. It can be used as well for external or internal use. Its low light transmittance guarantees “visual comfort” against direct sunlight. The combination of high light reflectance and low light transmittance provides internal privacy, even in buildings with large glazed areas.

APPLICATION

REFLECTASOL is suitable for most types of façade glazing in commercial buildings:

- Offices
- Schools
- Industrial buildings
- Hotels

Its attractive appearance also enhances the interior of a building:

- Reflective quality: creating a one-way observation effect in certain lighting conditions, transmitting light whilst screening vision
- Beveled edges: to create a unique decorative effect (e.g. traditional internal doors)

HANDLING & PROCESSING

REFLECTASOL can be used as single glazing or double glazing. To enhance its performances, REFLECTASOL can be combined with other products of Saint-Gobain Glass.

- Acoustic insulation

STADIP SILENCE is an acoustic laminated glass which considerably reduces noise levels whilst also offering the usual safety and security characteristics of laminated glass.

- Enhanced thermal insulation

Especially the combination of REFLECTASOL with PLANITHERM delivers an energy efficiency that will meet or exceed

local energy code requirements. REFLECTASOL can also be tempered, laminated, screen printed or enameled.

Refers to the processing guidances of each product for more details about the processing conditions or contact the local Technical Support Manager.

ADVANTAGE

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Range & Performance

Values calculated with Clear Substrate as inner pane. Average performance values of SGU (6 mm) with coating on surface #2, according to the standards ISO 9050 m1 /EN 6732.

Saint-Gobain Glass reserves the right to change product performance features without notice or obligation. Contact your Saint-Gobain sales representative to check the availability of each product in your country.

Color	Thickness (mm)	Range		Length (mm)	Width (mm)
		PLANILUX (substrate)	PARSOL (substrate)		

REFLECTASOL BRONZE	6	X				3210	2250
REFLECTASOL "H GREEN"	6				X	6000	3210
REFLECTASOL DARK GREY	6				X	6000	3210
REFLECTASOL BLUE	6				X	3210	2250
REFLECTASOL LIGHT GOLD	6	X				3210	2250

Performance

PRODUCT	LT (%)	g/SHGC	SC	LRe (%)	LRi (%)	U-value 12 mm Air	U-value 16 mm Argon
REFLECTASOL BRONZE	16	0.35	0.40	17	42	2.8	2.6
REFLECTASOL "H GREEN"	24	0.30	0.34	34	53	2.8	2.6



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COOL-LITE® ST



COOL-LITE® K



PARSOL®

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