

SGG PARSOL®

*Body-tinted glass*

# SGG PARSOL®

## Body-tinted glass

### Description

SGG PARSOL® is a body-tinted glass, manufactured by the float process, in the same way as SGG PLANILUX® clear glass. The float process gives to the glass perfectly flat and parallel surfaces.

SGG PARSOL® has a coloured appearance, as well as basic solar control properties.

### Benefits

- Consistency in colour: Saint-Gobain Glass has strict tolerances on its coloured glass and ensures through precise quality control that the tinted glass is the same within a batch and across batches - year after year.
- Multitude of possible applications.

### Application

When an attractive appearance is needed, SGG PARSOL® gives colour to the space.

When basic solar control properties are required, SGG PARSOL® is the solution, with low light reflection.

SGG PARSOL® is intended for universal applications:

- Interior applications for decoration, glass partitions, glass doors, furniture, table tops..
- External applications in single or double-glazing, for façades and overhead glazing.

### Range

There are many colours in the SGG PARSOL® range:

- SGG PARSOL® Green
- SGG PARSOL® Bronze
- SGG PARSOL® Grey
- SGG PARSOL® Dark Grey
- SGG PARSOL® Blue

SGG PARSOL® products are available in a range of thicknesses, from 3 mm to 12 mm, depending on the colour. Please contact Saint-Gobain Glass for demands out of 4,5,6 mm range.



Swiss Re Tower - London - United Kingdom - SGG PARSOL® Grey

#### SGG PARSOL®: Manufacturing sizes

Colour	Thickness (mm)	Standard sizes
Bronze	4,5,6	3210x2250 6000x3210
Green	5,6	
Grey	5,6	
Dark Grey	5,6	
Blue	5,6	

(1) Tolerance ±0.2



## Performance

The mechanical performances and acoustic insulation performances of SGG PARSOL® are the same as a standard clear glass of the same thickness. For these performances, please refer to the brochure of SGG PLANILUX®.

The spectrophotometric performances of SGG PARSOL® are given below for:

- Single glazing.
- Double-glazed units combined with SGG PLANILUX® clear glass.
- Enhanced thermal insulation with SGG PLANITHERM® T low-emissivity glass combined in the double-glazed units.

For other combinations please contact Saint-Gobain Glass for the required



### SGG PARSOL®: Single-glazing

Colour		Bronze			Green		Grey		Dark Grey		Blue	
Thickness	mm	4	5	6	5	6	5	6	5	6	5	6
Light factors												
LT	%	60	54	49	77	74	49	43	19	14	62	57
LRe	%	6	6	5	7	7	5	5	4	4	6	6
LRI	%	6	6	5	7	7	5	5	4	4	6	6
Energy factors												
T	%	61	55	50	54	49	51	46	32	27	49	44
Re	%	6	6	5	6	6	6	5	5	5	5	5
Ri	%	6	6	5	6	6	6	5	5	5	5	5
A	%	33	39	45	40	45	43	49	63	69	46	51
Solar factor g		0.69	0.65	0.61	0.64	0.61	0.63	0.59	0.48	0.44	0.61	0.57
Shading coefficient SC		0.80	0.75	0.70	0.74	0.70	0.72	0.67	0.56	0.51	0.70	0.65
U-value	W/(m <sup>2</sup> .K)	5.8	5.8	5.7	5.8	5.7	5.8	5.7	5.8	5.7	5.8	5.7

(1) The values are average values and subject to modification. Standards used ISO 9050 & EN 673

### SGG PARSOL®: Double-glazing for composition 6(12)6

External pane: SGG PARSOL®		Bronze	Green	Grey	Dark Grey	Blue	Bronze	Green	Grey	Dark Grey	Blue
Internal pane:		SGG PLANILUX®					SGG PLANITHERM® T				
Low E coating	face	-	-	-	-	-	3	3	3	3	3
Light factors											
LT	%	44	66	39	12	51	42	63	37	12	49
LRe	%	7	11	7	5	9	7	10	6	5	8
LRI	%	12	14	12	12	13	10	11	10	9	10
Energy factors											
T	%	41	42	38	22	37	30	34	28	15	30
Re	%	7	8	7	5	7	12	9	11	7	9
Ri	%	11	11	11	11	11	18	18	18	18	18
A1	%	47	47	51	70	53	50	50	54	74	56
A2	%	5	4	5	3	3	12	9	11	7	8
Solar factor g		0.50	0.50	0.47	0.32	0.46	0.43	0.45	0.40	0.26	0.40
Shading coefficient SC		0.58	0.58	0.54	0.37	0.53	0.50	0.52	0.47	0.30	0.46
U-value	W/(m <sup>2</sup> .K)										
Air		2.8	2.8	2.8	2.8	2.8	1.8	1.8	1.8	1.8	1.8
Argon 90%		-	-	-	-	-	1.5	1.5	1.5	1.5	1.5

(1) The values are average values and subject to modification. Standards used ISO 9050 & EN 673

## Instructions of use

SGG PARSOL® can undergo the same processes as SGG PLANILUX® standard clear glass.

SGG PARSOL® is the base glass for many other processed products:

- Coated glass,
- Laminated glass,
- Toughened, heat strengthened,
- Screen-printed,
- Acid-etched,
- Sandblasted,
- Lacquered,
- Edgeworked,
- Silvered glass,
- As well as double-glazed units etc...

The installation possibilities and recommendations for SGG PARSOL® are the same as standard clear glass.

Depending on the application or location, SGG PARSOL® may require heat treatment to avoid the risk of thermal breakage.

## Regulation

SGG PARSOL® body-tinted glass conforms to standard EN 572-2 and carries the relevant CE mark if required.



Tianjin Aquatic Sports World Stadium - Tianjin - China - SGG PARSOL® Green

Distributor

  
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GLASS

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