

## Exterior glass solutions

- SGG Reflectasol
- SGG Antelio Plus
- SGG Cool-Lite
- SGG Planitherm
- SGG Evo
- SGG Evolite
- SGG Nano
- SGG Nanosilver
- SGG Envision

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION%	REFLECTION%		SOLAR FACTOR (SF)	SHADING CO-EFFICIENT (SC)	U VALUE (W/ SQM K)
				EXTERNAL	INTERNAL			
<b>SINGLE GLAZED UNIT</b>								
Light Gold	Reflectasol		32	45	54	0.5	0.58	5.7
Dew Drop	Antelio Plus	ST 150	51	18	17	0.54	0.62	5.6
Sparkling Ice	Antelio Plus	ST 167	65	19	19	0.66	0.75	5.6
Graphite	Cool-lite	ST 136	37	22	18	0.42	0.48	5.5
Clear Cosmos	Evo	ET 125	28	27	9	0.29	0.33	3.8
Neutral	Evolite	ET 150II	50	13	11	0.5	0.58	5(0.88)
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm Clear Glass</b>								
Light Gold	Reflectasol		29	46	52	0.43	0.49	2.8
Dew Drop	Antelio Plus	ST 150	45	20	21	0.44	0.51	2.8
Sparkling Ice	Antelio Plus	ST 167	59	22	23	0.56	0.64	2.8
Graphite	Cool-lite	ST 136	33	23	22	0.33	0.38	2.7
Pristine White	Planitherm	PLT T	74	12	12	0.54	0.62	1.8
Moonshine	Nano	KT 155	46	17	10	0.36	0.41	1.9
Icy Menthol	Nano	KT 140	36	23	12	0.27	0.31	1.8
Clear Cosmos	Evo	ET 125	25	28	15	0.23	0.26	2
Iris	Envision	SKN 144 II	39	20	12	0.23	0.26	1.6
Magma	Envision	SKN 154 II	49	18	26	0.27	0.31	1.5
SKN	Envision	SKN 165 II	59	16	17	0.32	0.37	1.5
Neutral	Evolite	ET 150 II	45	15	17	0.42	0.48	2.6(0.46)
Shine	Nanosilver	KS 138 II	36	40	19	0.26	0.29	1.6
Chroma	Nanosilver	KS 146II	42	33	19	0.29	0.34	1.6
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm SGG Planitherm Low-e</b>								
Light Gold	Reflectasol		27	46	44	0.37	0.43	1.8
Dew Drop	Antelio Plus	ST 150	42	19	18	0.4	0.45	1.8
Sparkling Ice	Antelio Plus	ST 167	55	21	19	0.51	0.58	1.8
Graphite	Cool-lite	ST 136	31	22	19	0.29	0.34	1.8
Pristine White	Planitherm	PLT T	70	9	9	0.53	0.61	1.7
Moonshine	Nano	KT 155	43	16	8	0.35	0.4	1.7
Icy Menthol	Nano	KT 140	34	22	9	0.27	0.31	1.7
Clear Cosmos	Evo	ET 125	23	28	12	0.22	0.25	1.7
Iris	Envision	SKN 144 II	37	19	9	0.24	0.27	1.6
Magma	Envision	SKN 154 II	46	17	21	0.28	0.32	1.5
SKN	Envision	SKN 165 II	55	14	14	0.33	0.38	1.5
Neutral	Evolite	ET 150 II	42	14	14	0.36	0.41	1.8(0.32)

Solar Properties are in accordance to ISO 9050 m1.5; U value is calculated in accordance to EN 673

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION%	REFLECTION%		SOLAR FACTOR (SF)	SHADING CO-EFFICIENT (SC)	U VALUE (W/ SQM K)
				EXTERNAL	INTERNAL			
<b>SINGLE GLAZED UNIT</b>								
Sapphire Blue	Reflectasol		20	22	53	0.37	0.43	5.7
Blue Ray	Antelio Plus	ST 767	43	11	18	0.47	0.54	5.6
Royale Blue	Cool-lite	ST 750	33	10	16	0.4	0.46	5.6
Titanium Blue	Cool-lite	STB 120	22	21	29	0.31	0.36	5.2
Tranquil Blue	Cool-lite	ST 720	13	16	27	0.26	0.3	5.2
Blue Breeze	Cool-lite	ST 736	24	12	18	0.34	0.39	5.5
Blue Isle	Cool-lite	ST 708	5	21	38	0.15	0.18	3.6
Orion Blue	Evo	ET 725	18	14	9	0.23	0.27	3.85
Blue	Evolite	ET 450 II	32	8	10	0.37	0.42	5(0.88)
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm Clear Glass</b>								
Sapphire Blue	Reflectasol		19	22	52	0.27	0.32	2.8
Blue Ray	Antelio Plus	ST 767	38	12	22	0.36	0.42	2.8
Royale Blue	Cool-lite	ST 750	30	11	21	0.3	0.34	2.8
Titanium Blue	Cool-lite	STB 120	20	21	31	0.23	0.27	2.7
Tranquil Blue	Cool-lite	ST 720	12	16	29	0.17	0.19	2.6
Blue Breeze	Cool-lite	ST 736	22	12	22	0.24	0.27	2.7
Blue Isle	Cool-lite	ST 708	5	21	39	0.09	0.11	1.9
Satin Blue	Planitherm	PLT TB	49	8	10	0.35	0.4	1.8
Misty Blue	Nano	KT 755	30	10	10	0.24	0.28	1.9
Twilight Blue	Nano	KT740	24	12	11	0.2	0.23	1.8
Orion Blue	Evo	ET 725	16	15	15	0.17	0.19	2
Lumosa	Envision	SKN 744 II	26	11	11	0.18	0.2	1.6
Quasar	Envision	SKN 754 II	32	10	25	0.2	0.23	1.5
SKN	Envision	SKN 765 II	39	9	16	0.24	0.27	1.5
Blue	Evolite	ET 450 II	29	9	16	0.27	0.32	2.6(0.46)
Ultramarine	Nanosilver	KS 738 II	23	19	19	0.18	0.21	1.6
Lagoon	Nanosilver	KS 746 II	27	17	19	0.2	0.23	1.6
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm SGG Planitherm Low-e</b>								
Sapphire Blue	Reflectasol		17	22	43	0.23	0.26	1.8
Titanium Blue	Cool-lite	STB 120	18	21	26	0.2	0.23	1.8
Blue Ray	Cool-lite	ST 767	36	12	18	0.32	0.37	1.8
Royale Blue	Cool-lite	ST 750	28	11	17	0.26	0.3	1.8
Tranquil Blue	Cool-lite	ST 720	11	16	24	0.14	0.16	1.8
Blue Breeze	Cool-lite	ST 736	20	12	18	0.2	0.23	1.8
Blue Isle	Cool-lite	ST 708	4	21	32	0.1	0.11	1.7
Satin Blue	Planitherm	PLT TB	46	7	8	0.35	0.4	1.7
Misty Blue	Nano	KT 755	28	9	8	0.24	0.28	1.7
Twilight Blue	Nano	KT740	22	12	9	0.2	0.23	1.7
Orion Blue	Evo	ET 725	15	15	12	0.16	0.18	1.7
Lumosa	Envision	SKN 744 II	24	11	9	0.19	0.22	1.6
Quasar	Envision	SKN 754 II	30	10	21	0.22	0.25	1.5
SKN	Envision	SKN 765 II	36	9	13	0.25	0.29	1.5
Blue	Evolite	ET 450 II	27	9	13	0.23	0.27	1.8(0.32)

Solar Properties are in accordance to ISO 9050 m1.5; U value is calculated in accordance to EN 673; Planitherm Total 1..3 coating file used

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION%	REFLECTION%		SOLAR FACTOR (SF)	SHADING CO-EFFICIENT (SC)	U VALUE (W/ SQM K)
				EXTERNAL	INTERNAL			
<b>SINGLE GLAZED UNIT</b>								
Bronze	Reflectasol		18	17	53	0.43	0.49	5.7
Dark Grey	Reflectasol		5	5	53	0.35	0.4	5.7
Platinum	Cool-lite	ST 108	8	43	38	0.14	0.17	3.6
Sterling Silver	Cool-lite	ST 120	20	32	27	0.29	0.33	5.2
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm Clear Glass</b>								
Bronze	Reflectasol		16	18	52	0.33	0.38	2.8
Dark Grey	Reflectasol		4	5	51	0.24	0.27	2.8
Platinum	Cool-lite	ST 108	7	43	39	0.1	0.11	1.9
Sterling Silver	Cool-lite	ST 120	17	32	30	0.21	0.24	2.6
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm SGG Planitherm Low-e</b>								
Bronze	Reflectasol		15	17	44	0.27	0.31	1.8
Dark Grey	Reflectasol		4	5	44	0.19	0.22	1.8
Platinum	Cool-lite	ST 108	7	43	33	0.1	0.12	1.7
Sterling Silver	Cool-lite	ST 120	17	32	25	0.18	0.21	1.8

Solar Properties are in accordance to ISO 9050 m1.5; U value is calculated in accordance to EN 673

# BLUE GREENS

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION%	REFLECTION%		SOLAR FACTOR (SF)	SHADING CO-EFFICIENT (SC)	U VALUE (W/ SQM K)
				EXTERNAL	INTERNAL			
<b>SINGLE GLAZED UNIT</b>								
Blue Green	Antelio Plus	ST 450	43	14	17	0.43	0.49	5.6
Turquoise	Cool-lite	ST 436	31	17	18	0.37	0.43	5.5
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) - 12mm air gap - 6mm Clear Glass</b>								
Blue Green	Antelio Plus	ST 450	39	16	21	0.33	0.38	2.8
Turquoise	Cool-lite	ST 436	28	18	22	0.26	0.3	2.8
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) - 12mm air gap - 6mm SGG Planitherm Low-e</b>								
Blue Green	Antelio Plus	ST 450	36	15	18	0.29	0.34	1.8
Turquoise	Cool-lite	ST 436	26	18	18	0.23	0.26	1.8

Solar Properties are in accordance to ISO 9050 m1.5; U value is calculated in accordance to EN 673

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION%	REFLECTION%		SOLAR FACTOR (SF)	SHADING CO-EFFICIENT (SC)	U VALUE (W/ SQM K)
				EXTERNAL	INTERNAL			
<b>SINGLE GLAZED UNIT</b>								
Green	Reflectasol		27	34	53	0.39	0.44	5.7
Emerald Glaze	Antelio Plus	ST 467	56	15	18	0.5	0.58	5.6
Deep Green	Cool-lite	ST 408	7	33	38	0.15	0.17	3.6
Aquamarine	Cool-lite	ST 420	17	24	27	0.27	0.31	5.2
Green Aura	Evo	ET 425	24	21	9	0.26	0.28	3.85
Green	Evolite	ET 450 II	41	10	11	0.39	0.45	5(0.88)
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm Clear Glass</b>								
Green	Reflectasol		24	35	52	0.29	0.34	2.8
Emerald Glaze	Antelio Plus	ST 467	50	17	23	0.4	0.46	2.8
Deep Green	Cool-lite	ST 408	6	33	39	0.1	0.11	1.9
Aquamarine	Cool-lite	ST 420	15	24	30	0.18	0.21	2.6
Mint Green	Planitherm	PLT TG	63	10	11	0.4	0.46	1.8
Olive	Nano	KT 455	39	13	10	0.28	0.32	1.9
Tropca Green	Nano	KT 440	31	18	12	0.22	0.25	1.8
Green Aura	Evo	ET 425	21	22	15	0.18	0.21	2
Futura	Envision	SKN 444 II	34	16	12	0.2	0.23	1.6
Nebula	Envision	SKN 454 II	42	14	25	0.23	0.27	1.5
SKN	Envision	SKN 465 II	50	13	16	0.27	0.32	1.5
Green	Evolite	ET 450 II	37	12	17	0.3	0.34	2.6(0.46)
Echo	Nanosilver	KS 438 II	30	29	19	0.2	0.23	1.6
Celeste	Nanosilver	KS 446 II	34	25	20	0.22	0.26	1.6
<b>DOUBLE GLAZED UNIT 6mm Coated Glass (coatingface 2) -12mm air gap - 6mm SGG Planitherm Low-e</b>								
Green	Reflectasol		23	34	44	0.25	0.29	1.8
Emerald Glaze	Antelio Plus	ST 467	47	16	19	0.36	0.41	1.8
Deep Green	Cool-lite	ST 408	6	33	33	0.1	0.11	1.7
Aquamarine	Cool-lite	ST 420	14	24	25	0.15	0.18	1.8
Mint Green	Planitherm	PLT TG	59	8	9	0.4	0.46	1.7
Olive	Nano	KT 455	37	13	8	0.27	0.31	1.7
Tropca Green	Nano	KT 440	29	17	9	0.22	0.25	1.7
Green Aura	Evo	ET 425	20	21	12	0.17	0.2	1.7
Futura	Envision	SKN 444 II	32	15	9	0.21	0.25	1.6
Nebula	Envision	SKN 454 II	39	14	21	0.25	0.28	1.5
SKN	Envision	SKN 465 II	47	12	13	0.29	0.34	1.5
Green	Evolite	ET 450 II	35	11	13	0.26	0.3	1.8(0.32)

Solar Properties are in accordance to ISO 9050 m1.5: U value is calculated in accordance to EN 673