INFINITY

Limitless possibilities

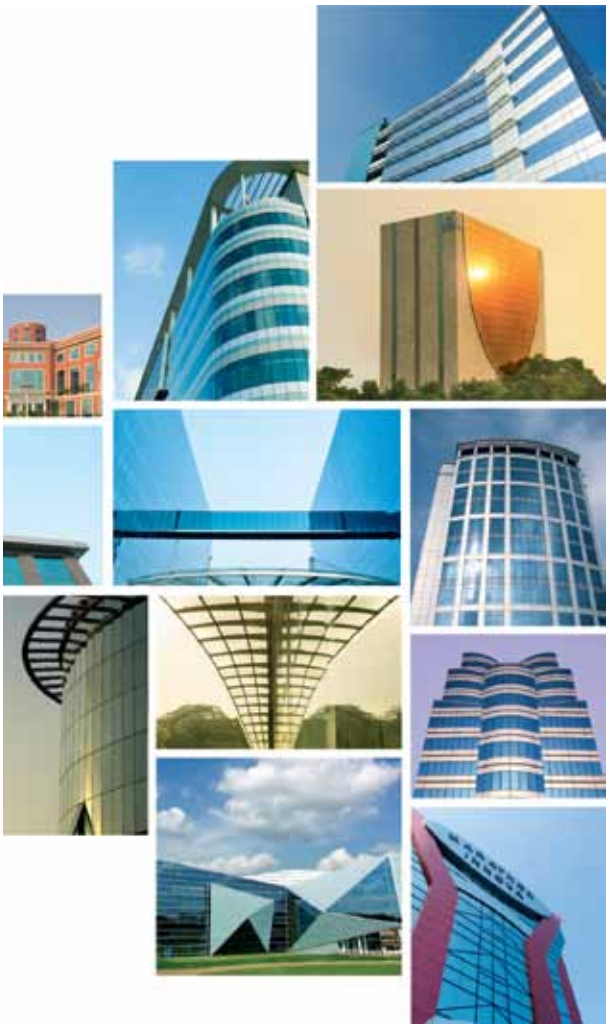
LIMITLESS POSSIBILITIES FOR WELLBEING

SAINT-GOBAIN

GLASS,
FOR YOUR HABITAT!

Imagine a home, as bright as the sun, cool as the night and as green as nature. An office where the sun's rays are welcome but not its heat. An environment where air-conditioners are used minimally. Imagine a habitat based on one great idea - Sustainability.

Energy efficient glazing solutions from Saint-Gobain ensure optimum light transmission and minimum heat transmission, making sure that your home or office is bright, cool and comfortable - helping you nurture the habitat for future generations.



PRESENTING, SUSTAINABLE GLAZING SOLUTIONS FROM SAINT-GOBAIN.

SUSTAINABILITY

As the world leader in glass manufacturing for the construction market, Saint-Gobain worldwide has set its sight on providing innovative solutions to two key challenges of the future:

- **Environmental protection**
- **Energy savings**

Saint-Gobain's range of products and solutions strive to bring wellbeing to each of us and the future of all by providing comfort, performance and safety.

Saint-Gobain's products conform to:

ECBC COMPLIANT

U.S. GREEN BUILDING COUNCIL USGBC

SAINT-GOBAIN | INFINITY
Limitless possibilities

Introducing the **Infinity** bouquet of glass products from Saint-Gobain offering a wide range of solar control and thermal insulation solutions for architectural applications. The Infinity line of products is manufactured by state-of-the-art Nanotechnology, in a plasma environment. The products in this series combine energy efficiency with various other features such as minimum visual glare, advanced thermal insulation, advanced solar control, etc.

Ideal for neo-architecture, these glazing solutions go well for applications in any building or institutions such as Commercial Complexes, Work Spaces, Premium Hotels, Luxury Homes, Educational establishments, Medical institutions and more.

PRODUCTS

INFINITY RANGE OF PRODUCTS
High-performance glass from the house of Saint-Gobain Infinity.

GLAZING INNOVATIONS
Peek into the future today, through SAGE Glass and other future innovations.

SOLUTIONS

PROJECT CARE
Project Management Solutions to ensure you get the best quality every time.

DESIGN ACE
Get consultancy advice from glazing experts on your design.

RESEARCH SOLUTIONS
Customised solutions to help meet all your requirements.

1G SGG Antelio Plus

SGG Antelio Plus solar control glass consists of a highly resistant and stable coating manufactured by the state-of-the-art 'Physical Vapour Deposition' Process. This process creates a highly resistant stable coating. Available in neutral, green and blue shades. Glass with a wide variety of performance parameters that can be used as single or double glazed units. Ideal for small and medium projects.

2G SGG Cool-lite

Value Plus product in Infinity range, that provides solar protection. Manufactured by an advanced technology - Magnetron Sputtering Deposition Technology. Available in an exhaustive range of colours of neutrals, greens, blues, blue greens and metals.
Ideal for medium and large projects.

3G SGG Evo

Manufactured by depositing metallic nitrides through magnetically enhanced cathodic sputtering under vacuum conditions, that deposits a thin nanolayer coating. Cutting edge product in single glazing that offers dual advantages of solar protection and thermal insulation in Single Glazing applications. Has very low internal reflection, higher light transmission, a low solar factor and U-Value. Available in neutral, green and blue shades.

4G SGG Nano

State-of-the-art product in the Infinity range. High performance energy efficient glass with advanced solar control and thermal insulation properties. Manufactured by depositing metal oxides through magnetically enhanced cathodic sputtering under vacuum conditions, that deposits a thin nanolayer coating. Ideal for sustainable glazing requirements for all seasons and glazing orientations. Available in neutral, green and blue shades.

5G SGG Envision

Premium product of Infinity range. Provides very good solar control performance with excellent thermal insulation properties. Has a high value of spectral selectivity, high light transmission, low reflectance and is more transparent than many other solar control glasses. Available in neutral, green and blue shades. Ideal for large and mega projects.

6G SGG Xtreme

SGG Xtreme is the flagship product of the Infinity range. Triple silver layered glass with a very high value spectral selectivity. It has high value of light transmission, low solar factor low U-value. Ideal for projects seeking compliance to Green codes for commercial projects.

CHOOSING GLASS

In tropical countries like India, we need to be careful in selecting a right glass solution.

Nowadays, there are various types of glass solutions available. Selecting the right kind of product is critical in maximising the benefits possible from glass.

Broadly, glass can be chosen according to the performance needs or for its aesthetic appeal. For a Green building it becomes all the more important to choose a glass solution that needs to be high performing without compromising on aesthetics.

Performance Needs

The key performance concepts in designing a building envelop ed with glass, specifically for Green Buildings, are explained below:

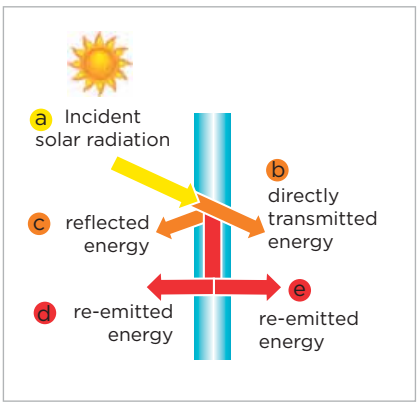
- Solar Factor also known as Solar Heat Gain co-efficient (SF/SHGC)
- U-Value
- Relative Heat Gain

Solar Factor

Heat Gain on the inside of the building due to direct solar radiation incident be on glass is measured through the Solar Factor of glass.

Solar Factor is the sum of percentage of incident solar energy directly transmitted and incident solar energy absorbed and re-emitted inside.

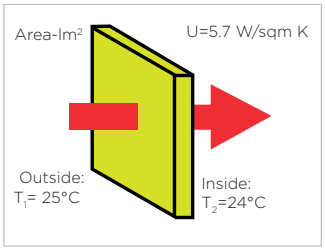
Solar Factor = (b+e)/a



U-Value

Heat Gain due to temperature difference is expressed by U-Value of a glass.

U-Value is the amount of heat transferred (lost/gain), due to a temperature differential of 1°C between inside and outside, per square meter.



Relative Heat Gain (RHG) or Total Heat Gain (THG)

It is the term that describes the amount of heat energy entering through the glass due to the direct solar radiation incident & heat transfer due to temperature differential.

RHG = (Solar Incident Energy X Solar Factor of Glass) + (U-Value in W/Sq.m K x Temperature Difference (△T)

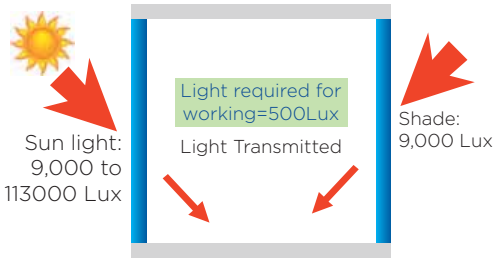
Aesthetic Drivers

There are two drivers of aesthetic performance:

- Visual Light Transmission
- Reflection

Visual Light Transmission

It is defined as the percentage of the light transmitted through the glass.



Reflection

The reflection of the glass depends on the type of coating and also the position of the coating used on the glass. Lower external reflection helps in the true color rendering of the building and it is normally suggested to have lower internal reflection to minimize night time glare (internal reflection < 20%).

Go ahead and explore the limitless possibilities in Glass to go Green, for our glass is the new Green!

Features

- Manufactured by depositing layers of metallic oxides on float glass by magnetically enhanced cathodic sputtering under vacuum conditions
- Low internal and external reflection
- Optimum light transmission
- Available in a wide range of colours

Applications

- Windows, skylights and facades

Advantages

- Higher light transmission
- Low reflection
- Soothing colours
- Makes the building look very elegant and modern

Range

- SGG Antelio Plus Sparkling Ice (ST 167)
- SGG Antelio Plus Emerald Glaze (ST 467)
- SGG Antelio Plus Blue Ray (ST 767)

Thickness

- Available in 4mm, 5mm, 6mm, 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

SGG ANTELIO PLUS‰

Advanced solar control glass providing abundant daylight to interiors.

SGG COOL-LITE‰

High performance advanced solar control glass that provides optimum light transmission with minimal visual glare.

Features

- Manufactured by depositing layers of metallic oxides on float glass by magnetically enhanced cathodic sputtering under vacuum conditions
- High performance
- Glare reduction

Applications

- Structural glazing, facade glazing, bolted systems, curtain walling and fenestration applications
- Single glazing, insulated glazing units, laminated, heat treated and bent glazing units

Advantages

- High performance
- Optimum light transmittance
- Ease in processing
- Versatile and satisfies several designer criteria
- Wide range of colours and performances to choose from

Range

- SGG Cool-lite Platinum (ST 108)
- SGG Cool-lite Sterling Silver (ST 120)
- SGG Cool-lite Graphite (ST 136)
- SGG Cool-lite Dew Drop (ST 150)
- SGG Cool-lite Deep Green (ST 408)
- SGG Cool-lite Aquamarine (ST 420)
- SGG Cool-lite Turquoise (ST 436)
- SGG Cool-lite Blue Green (ST 450)
- SGG Cool-lite Titanium Blue (STB 120)
- SGG Cool-lite Blue Isle (ST 708)
- SGG Cool-lite Tranquil Blue (ST 720)
- SGG Cool-lite Blue Breeze (ST 736)
- SGG Cool-lite Royale Blue (ST 750)

Thickness

- Available in 4mm, 5mm, 6mm, 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

SGG PLANITHERM‰

Advanced thermal insulation glass (Low-E) that reflects long wave heat radiation and provides high thermal insulation.

Features

- Manufactured by depositing layers of metallic oxides on float glass by magnetically enhanced cathodic sputtering under vacuum conditions
- Neutral appearance due to very low reflection
- Excellent light transmittance

Applications

- External double glazing applications
- Windows, skylights and facades
- Glazing of greenhouses and patio doors

Advantages

- Allows maximum light penetration
- Thermal insulation
- Neutral appearance
- Low reflection

Range

- SGG **Planitherm Pristine White** (PLT T)
- SGG **Planitherm Satin Blue** (PLT TB)
- SGG **Planitherm Mint Green** (PLT TG)

Thickness

- Available in 4mm, 5mm, 6mm and 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

SGG EVO‰

Advanced solar control and thermal insulation glass
for single glazing application.

Features

- Manufactured by deposition of specialised metallic Nitrides by magnetically enhanced nano technology based cathodic sputtering under vacuum conditions
- Low internal reflection
- High light transmission

Applications

- Structural glazing, facade glazing, bolted systems, curtain walling and fenestration applications
- Single glazing, insulated glazing units, double glazed units, laminated, heat treated and bent glazing units

Advantages

- High performance in single glazing
- Available in lighter shades and hues
- Highly energy efficient and complies with the requirements of green buildings and ECBC (BEE) norms. An ideal solution for buildings going in for LEED/IGBC Green rating and TERI-GRIHA rating
- Helps maintain clear vision both during daytime as well as at night

Range

- SGG Evo Clear Cosmos (ET 125)
- SGG Evo Green Aura (ET 425)
- SGG Evo Orion Blue (ET 725)

Thickness

- Available in 4mm, 5mm, 6mm and 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

SGG EVOLITE‰

A superior solar control and thermal insulation glass for single glazing application.

Features

- SGG Evolite is manufactured by the state-of-the-art Magnetron Sputtering Nanotechnology
- Low internal reflection
- High light transmission

Applications

- Facades
- Structural glazing
- Windows
- Skylights

Advantages

- Single glazing
- Transparency
- Lighter shades and hues
- Energy efficiency
- Lower internal reflection
- Product is custom made for green

Range

- SGG Evolite Clear (ET 150 II)
- SGG Evolite Green (ET 450 II)
- SGG Evolite Blue (ET 750 II)

Thickness

- Available in 4mm, 5mm, 6mm and 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

SGG NANO‰

Advanced solar control and thermal insulation glass (single silvered Low-E), with performance that directly fits green building requirements.

Features

- Manufactured by depositing layers of metallic oxides on float glass by magnetically enhanced cathodic sputtering under vacuum conditions
- Neutral colour
- Very low reflection
- High light transmission
- High heat reflection

Applications

- Structural glazing, facade glazing, bolted systems, curtain walling and fenestration applications
- Insulated glazing units, double glazed units, laminated, heat treated and bent glazing units

Advantages

- Advanced solar control and thermal insulation
- An ideal sustainable glazing solution for all seasons and desired functionality
- Neutral appearance that makes it aesthetically appealing
- An environment friendly product that helps reduce energy consumption

Range

- SGG Nano Icy Menthol (KT 140)
- SGG Nano Moonshine (KT 155)
- SGG Nano Winter Mist (KT 164)
- SGG Nano Tropica Green (KT 440)
- SGG Nano Olive (KT 455)
- SGG Nano Citron Frost (KT 464)
- SGG Nano Twilight Blue (KT 740)
- SGG Nano Misty Blue (KT 755)
- SGG Nano Blue Horizon (KT 764)

Thickness

- Available in 4mm, 5mm, 6mm and 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

SGG NANO SILVER‰

Advanced Solar Control and Thermal Insulation
Low-e Glass

Features

This state-of-the-art product is manufactured by the Magnetron Sputtering Nanotechnology in plasma conditions. The functional layer-silver imparts the product, the property of low emissivity a basic need for excellent thermal insulation.

Applications

- Facades
- Structural glazing
- Window
- Skylights

Advantages

- High external reflection
- Light transmission
- Low internal reflection
- ECBC compliant
- Uniform appearance

Range

- SGG Nano Silver Shine (KS 138 II)
- SGG Nano Silver Echo (KS 438 II)
- SGG Nano Silver Ultramarine (KS 738 II)
- SGG Nano Silver Chroma (KS 146 II)
- SGG Nano Silver Celeste (KS 446 II)
- SGG Nano Silver Lagoon (KS 746 II)

Thickness

- Available in 4mm, 5mm, 6mm and 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

SGG ENVISION‰

State-of-the-art solar control and thermal insulation glass - double silvered Low-E glass, with high spectral selectivity (light-heat ratio).

Features

- Manufactured by depositing layers of metallic oxides on float glass by magnetically enhanced cathodic sputtering under vacuum conditions
- High spectral selectivity (light-heat ratio)
- High thermal insulation
- Low heat transfer

Applications

- Structural glazing, facade glazing, bolted systems, curtain walling and fenestration applications
- Insulated glazing units, laminated double glazed units, heat treated and bent glazing units

Advantages

- Very high performance
- High selectivity
- Abundant light transmission with excellent solar control and thermal insulation

Range

- SGG Envision Iris (SKN 144 II)
- SGG Envision Magma (SKN 154 II)
- SGG Envision Lumina (SKN 165 II)
- SGG Envision Futura (SKN 444 II)
- SGG Envision Nebula (SKN 454 II)
- SGG Envision Supernova (SKN 465 II)
- SGG Envision Lumosa (SKN 744 II)
- SGG Envision Quasar (SKN 754 II)
- SGG Envision Stellar (SKN 765 II)

Thickness

- Available in 4mm, 5mm, 6mm and 8mm*
- 10mm and 12mm (in neutral shades)

*Available on special request

Product Specifications

To know more about Glass for Sustainables Buildings, Please visit

www.glassisgreen.com

A Saint-Gobain Glass Initiative

- Antelio Plus
- Cool-lite
- Planitherm
- Evo
- Evolite
- Evo Plus
- Nano
- Nano Silver
- Envision
- Xtreme

Neutrals

Single Glazed Unit (6mm thick, coating face 2)

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION (%)	REFLECTION (%)		SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
				EXTERNAL	INTERNAL	SHGC / SF	SC	(W/Sq.m K)
Sparkling Ice	Antelio Plus	ST 167	67	19	19	0.68	0.78	5.6
Dew Drop	Cool-Lite	ST 150	51	18	17	0.56	0.64	5.6
Graphite	Cool-Lite	ST 136	37	22	18	0.43	0.50	5.5
Sterling Silver	Cool-Lite	ST 120	20	32	27	0.29	0.33	5.2
Platinum	Cool-Lite	ST 108	9	43	34	0.14	0.16	3.6
Clear	Evo-Lite	ET II 150	50	13	11	0.50	0.58	5.0
Clear	Evo Plus	ET II 135	34	23	8	0.34	0.39	3.9
Clear Cosmos	Evo	ET II 125	28	28	9	0.29	0.34	3.8
Clear	Horizon	SCN 145	45	22	4	0.44	0.51	4.9

Double Glazed Unit (outer: 6mm with coating Face 2 - 12mm Air Gap - inner 6mm Clear)

Sparkling Ice	Antelio Plus	ST 167	60	22	23	0.60	0.68	2.8
Dew Drop	Cool-Lite	ST 150	46	20	22	0.47	0.54	2.8
Graphite	Cool-Lite	ST 136	34	23	23	0.35	0.40	2.7
Sterling Silver	Cool-Lite	ST 120	18	32	30	0.21	0.25	2.6
Platinum	Cool-Lite	ST 108	8	43	36	0.10	0.11	1.9
Clear	Evo-Lite	ET II 150	45	15	17	0.42	0.48	2.6
Clear	Evo Plus	ET II 135	31	24	14	0.28	0.32	2.1
Clear Cosmos	Evo	ET II 125	25	29	15	0.23	0.27	2.0
Clear	Horizon	SCN 145	40	24	12	0.37	0.42	2.5
Pristine White	Planitherm	PLTT	75	12	12	0.57	0.66	1.8
Winter Mist	Nano	KT 164	57	14	10	0.47	0.54	1.9
Moonshine	Nano	KT 155	47	17	11	0.38	0.43	1.9
Icy Menthol	Nano	KT II 140	37	23	12	0.29	0.33	1.8
Zephyr	Nano	KT II 130	31	22	14	0.25	0.29	1.8
Clear	Harmony	Harmony II	24	23	16	0.21	0.24	1.7
	Blu De	Blu De II	46	31	24	0.30	0.35	1.9
Chroma	Nano Silver	KS II 146	42	33	19	0.29	0.34	1.6
Shine	Nano Silver	KS II 138	36	38	20	0.26	0.30	1.6
Clear	Nano Silver Plus	KS II 130	30	43	19	0.22	0.25	1.6
	Envision Plus	SKN II 176	69	13	15	0.37	0.43	1.5
Lumina	Envision Plus	SKN II 165	60	16	18	0.34	0.39	1.5
Magma	Envision	SKN II 154	51	18	22	0.28	0.33	1.5
Iris	Envision	SKN II 144	41	20	15	0.24	0.27	1.6
N	Equinox	Equinox II N	30	13	10	0.19	0.22	1.6
Clear	Quartz	Quartz II	40	11	11	0.25	0.29	1.6
	Xtreme	XT II 70/33	69	11	13	0.33	0.38	1.5
	Xtreme	XT II 60/28	60	14	17	0.28	0.33	1.5
	Xtreme	XT II 50/22	46	16	18	0.22	0.25	1.5

Infinity range of products are manufactured in accordance with EN 1096 || Luminous and Solar Characteristics are determined as per EN 410 || Thermal Transmittance is determined as per EN 673.

Cool-lite

Metals

Single Glazed Unit (6mm thick, coating face 2)

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION (%)	REFLECTION (%)		SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
				EXTERNAL	INTERNAL	SHGC / SF	SC	(W/Sq.m K)
Sterling Silver	Cool-Lite	ST 120	20	32	27	0.29	0.33	5.2
Platinum	Cool-Lite	ST 108	9	43	34	0.14	0.16	3.6
	Midas Gold		27	27	10	0.33	0.38	5.0
	Rosa		31	10	33	0.44	0.51	4.9
	Kopper		31	11	33	0.43	0.49	4.9

Double Glazed Unit (outer: 6mm with coating Face 2 - 12mm Air Gap - inner 6mm Clear)

Sterling Silver	Cool-Lite	ST 120	18	32	30	0.21	0.25	2.6
Platinum	Cool-Lite	ST 108	8	43	36	0.10	0.11	1.9
	Midas Gold		24	28	16	0.26	0.30	2.6
	Aurum		22	23	34	0.22	0.25	1.6
	Rosa		28	11	36	0.36	0.41	2.5
	Kopper		28	12	35	0.35	0.40	2.5

Infinity range of products are manufactured in accordance with EN 1096 || Luminous and Solar Characteristics are determined as per EN 410 || Thermal Transmittance is determined as per EN 673.

- Antelio Plus
- Cool-lite
- Planitherm
- Evo
- Evolite
- Evo Plus
- Nano
- Nano Silver
- Envision

Greens

Single Glazed Unit (6mm thick, coating face 2)

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION (%)	REFLECTION (%)		SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
				EXTERNAL	INTERNAL	SHGC / SF	SC	(W/Sq.m K)
Emerald Glaze	Antelio Plus	ST 467	55	14	18	0.50	0.57	5.6
Blue Green	Cool-Lite	ST 450	42	14	17	0.43	0.49	5.6
Turquoise	Cool-Lite	ST 436	31	17	18	0.35	0.41	5.5
Aqua Marine	Cool-Lite	ST 420	17	23	27	0.27	0.31	5.2
Deep Green	Cool-Lite	ST 408	7	31	34	0.15	0.18	3.6
Green	Evo-Lite	ET II 450	41	10	11	0.39	0.45	5.0
Green	Evo Plus	ET II 435	28	17	7	0.27	0.32	3.9
Green Aura	Evo	ET II 425	23	21	9	0.25	0.28	3.8
Green	Horizon	SCN 445	37	17	4	0.36	0.41	4.9

Double Glazed Unit (outer: 6mm with coating Face 2 - 12mm Air Gap - inner 6mm Clear)

Emerald Glaze	Antelio Plus	ST 467	50	17	23	0.40	0.46	2.8
Blue Green	Cool-Lite	ST 450	38	15	22	0.33	0.37	2.8
Turquoise	Cool-Lite	ST 436	28	17	22	0.26	0.30	2.7
Aqua Marine	Cool-Lite	ST 420	15	24	30	0.18	0.20	2.6
Deep Green	Cool-Lite	ST 408	7	31	36	0.09	0.11	1.9
Green	Evo-Lite	ET II 450	37	12	17	0.30	0.34	2.6
Green	Evo Plus	ET II 435	25	18	14	0.21	0.24	2.1
Green Aura	Evo	ET II 425	21	21	15	0.18	0.21	2.0
Green	Horizon	SCN 445	34	18	11	0.27	0.31	2.5
Mint Green	Planitherm	PLTT G	62	9	11	0.40	0.46	1.8
Citron Frost	Nano	KT 464	47	11	10	0.33	0.37	1.9
Olive	Nano	KT 455	39	13	10	0.27	0.31	1.9
Tropica Green	Nano	KT II 440	31	17	12	0.22	0.25	1.8
	Nano	KT II 430	26	16	13	0.20	0.22	1.8
Green	Harmony	Harmony II	20	17	16	0.16	0.19	1.7
Celeste	Nano Silver	KS II 446	35	24	19	0.23	0.26	1.6
Echo	Nano Silver	KS II 438	30	28	20	0.20	0.23	1.6
Green	Nano Silver Plus	KS II 430	25	31	19	0.18	0.20	1.6
	Envision Plus	SKN II 476	57	10	14	0.30	0.35	1.5
Supernova	Envision Plus	SKN II 465	49	13	18	0.27	0.32	1.5
Nebula	Envision	SKN II 454	42	14	22	0.24	0.27	1.5
Futura	Envision	SKN II 444	34	15	14	0.20	0.23	1.6
G	Equinox	Equinox II G	25	10	10	0.16	0.19	1.6

Infinity range of products are manufactured in accordance with EN 1096 || Luminous and Solar Characteristics are determined as per EN 410 || Thermal Transmittance is determined as per EN 673.

Cool-lite

Blue Greens

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION (%)	REFLECTION (%)		SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
				EXTERNAL	INTERNAL	SHGC / SF	SC	(W/Sq.m K)

Single Glazed Unit (6mm thick, coating face 2)

Blue Green	Cool-Lite	ST 450	42	14	17	0.43	0.49	5.6
Turquoise	Cool-Lite	ST 436	31	17	18	0.35	0.41	5.5

Double Glazed Unit (outer: 6mm with coating Face 2 - 12mm Air Gap - inner 6mm Clear)

Blue Green	Cool-Lite	ST 450	38	15	22	0.33	0.37	2.8
Turquoise	Cool-Lite	ST 436	28	17	22	0.26	0.30	2.7

Infinity range of products are manufactured in accordance with EN 1096 || Luminous and Solar Characteristics are determined as per EN 410 || Thermal Transmittance is determined as per EN 673.

- Antelio Plus
- Cool-lite
- Planitherm
- Evo
- Evolite
- Evo Plus
- Nano
- Nano Silver
- Envision

Blues

Single Glazed Unit (6mm thick, coating face 2)

GLASS DETAILS			LIGHT FACTORS			ENERGY FACTORS		
COLOUR SHADE	BRAND	CODE	TRANSMISSION (%)	REFLECTION (%)		SOLAR FACTOR	SHADING CO-EFFICIENT	U-VALUE
				EXTERNAL	INTERNAL	SHGC / SF	SC	(W/Sq.m K)
Blue Ray	Antelio Plus	ST 767	42	10	18	0.46	0.52	5.6
Royale Blue	Cool-Lite	ST 750	32	10	16	0.40	0.46	5.6
Blue Breeze	Cool-Lite	ST 736	23	12	18	0.34	0.39	5.5
Tranquil Blue	Cool-Lite	ST 720	13	16	27	0.26	0.30	5.2
Blue Isle	Cool-Lite	ST 708	6	20	34	0.15	0.18	3.6
Titanium Blue	Cool-Lite	STB 120	22	21	29	0.32	0.37	5.2
Blue	Evo-Lite	ET II 750	32	8	10	0.36	0.42	5.0
Blue	Evo Plus	ET II 735	21	12	7	0.26	0.29	3.9
Orion Blue	Evo	ET II 725	18	14	9	0.23	0.27	3.8
Blue	Horizon	SCN 745	29	12	4	0.33	0.39	4.9

Double Glazed Unit (outer: 6mm with coating Face 2 - 12mm Air Gap - inner 6mm Clear)

Blue Ray	Antelio Plus	ST 767	38	12	22	0.36	0.41	2.8
Royale Blue	Cool-Lite	ST 750	29	11	21	0.29	0.34	2.8
Blue Breeze	Cool-Lite	ST 736	21	12	22	0.24	0.27	2.7
Tranquil Blue	Cool-Lite	ST 720	12	16	30	0.17	0.19	2.6
Blue Isle	Cool-Lite	ST 708	5	20	36	0.09	0.11	1.9
Titanium Blue	Cool-Lite	STB 120	20	21	32	0.24	0.27	2.7
Blue	Evo-Lite	ET II 750	29	9	16	0.27	0.31	2.6
Blue	Evo Plus	ET II 735	19	12	14	0.19	0.21	2.1
Orion Blue	Evo	ET II 725	16	14	15	0.16	0.19	2.0
Blue	Horizon	SCN 745	26	12	11	0.25	0.28	2.5
Satin Blue	Planitherm	PLTT B	48	7	11	0.35	0.40	1.8
Blue Horizon	Nano	KT 764	36	8	9	0.29	0.33	1.9
Misty Blue	Nano	KT 755	30	10	10	0.24	0.28	1.9
Twilight Blue	Nano	KT II 740	24	12	12	0.20	0.22	1.8
	Nano	KT II 730	20	11	13	0.18	0.20	1.8
Oxy Blue	Nano Blue	KBT II 130	36	24	17	0.30	0.35	1.8
Blue Frost	Nano Blue	KBT II 140	25	21	22	0.22	0.25	1.7
Blue	Harmony	Harmony II	15	12	16	0.15	0.17	1.7
Lagoon	Nano Silver	KS II 746	27	16	19	0.20	0.23	1.6
Ultramarine	Nano Silver	KS II 738	23	18	20	0.18	0.21	1.6
Blue	Nano Silver Plus	KS II 730	19	20	19	0.16	0.18	1.6
	Envision Plus	SKN II 776	44	8	13	0.26	0.30	1.5
Stellar	Envision Plus	SKN II 765	38	9	17	0.24	0.27	1.5
Quasar	Envision	SKN II 754	33	10	21	0.21	0.24	1.5
Lumosa	Envision	SKN II 744	26	11	14	0.18	0.21	1.6
B	Equinox	Equinox II B	19	8	10	0.15	0.17	1.6

Infinity range of products are manufactured in accordance with EN 1096 || Luminous and Solar Characteristics are determined as per EN 410 || Thermal Transmittance is determined as per EN 673.








Saint-Gobain India Private Limited - Glass Business

Level 7,
Sigapi Aachi Building,
18/3 Rukmani
Lakshmipathy Road,
Egmore, Chennai - 600 008,
Tamil Nadu.
Ph: +91-44-4593 6000
Fax: +91-44-4593 6008
http://in.saint-gobain-glass.com