

THE ESSENTIAL

FOR CHOOSING THE RIGHT GLAZING

INDIA



SAINT-GOBAIN

SAINT-GOBAIN

MAKING THE WORLD A BETTER HOME

Since 1665, Saint-Gobain has evolved into a global leader in high-performance and innovative glass solutions offering products, services, and systems that help create great living spaces and enhance everyday life.

Saint-Gobain Glass extends support to construction stakeholders for every new build and renovation projects. In every living and working space that requires comfort, performance and safety, Saint-Gobain caters to those requirements with four major fields: facades, windows, interiors and protection.

From those who build with glass to those who design with it, Saint-Gobain Glass is guided by one ambition: to be the preferred partner. The goal is focused on 4 key drivers: expertise, reliability, innovation and passion.

Manufacturing facilities in India

6 FLOAT GLASS PLANTS

- 3 in Sriperumbudur
- 1 in Jhagadia
- 2 in Bhiwadi
- More to be commissioned



Scan, to take a tour of our facility

RANGE OF PRODUCTS

High performance glass combining energy efficiency, comfort and respect for the environment

- Clear & Tinted Glass
- High-Definition Glass
- Low Carbon Glass
- Coated Glass
- Laminated Glass
- Fire-rated Glass
- Electrochromic glass

APPLICATIONS OF ARCHITECTURAL GLASS:

- Windows
- Skylights
- Structural glazing
- Façade glazing
- Bolted systems
- Curtain wall glazing
- Fenestration applications

Saint-Gobain Products are compliant to Green Building Rating System

Project ratings



Product certifications



2000

The first float line of Saint-Gobain Glass in India was inaugurated

2001-05

Commissioned production of online coating, mirror & laminated glass lines

2006-10

Inaugurated float 2 & coater line

2011-15

Integration of Jhagadia. Commencement of ACGP, Fire safety & inauguration of Bhiwadi

2016-20

Commenced Coater 2, ACGP & Float 5

2020-24

Commenced Float 6, Windows Line

LARGEST MANUFACTURING CAPACITY IN INDIA

Saint-Gobain is the undisputed leader in manufacturing capacity and quality in the country with several world-class units. Our state-of-the-art manufacturing facilities are located at Sriperumbudur, Bhiwadi and Jhagadia.

Saint-Gobain's range of sustainable and energy efficient products and low carbon solutions are crafted to provide comfort, performance and safety in spaces.



Contact us for more information

ASSURED



SAINT-GOBAIN ASSURED - LOOK FOR THE LOGO!



SCAN TO EXPLORE

BE ASSURED WITH THE TRU-THIK PROMISE!

All Saint-Gobain products come with the promise of world-class quality that conforms to strict international standards.



KEY GLAZING PERFORMANCE FACTORS

SHGC: Solar Heat Gain Coefficient

It is the total solar energy entering into the building, valued between 0 and 1. The lower the SHGC, the more efficient the glazing is in blocking solar entry.

LSG: Light to Solar Gain (selectivity)

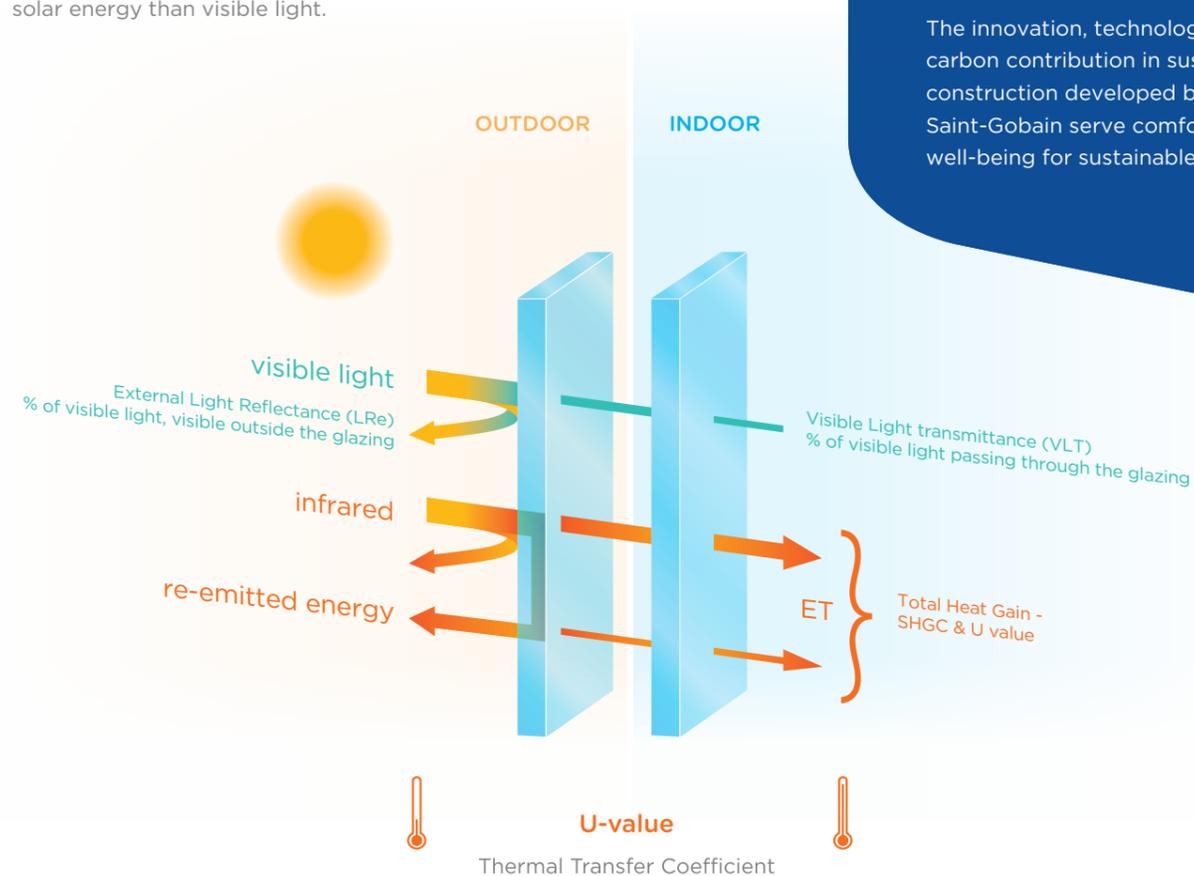
It is the ratio between the visible light transmittance (VLT) and the Solar Heat Gain Coefficient (SHGC). The higher the LSG, the better the glazing is in reducing solar energy than visible light.

U-value

It is the quantity of heat transmitted through the glazing due to the temperature difference between inside and outside. The lower the U-value, the better the thermal insulation performance.

Shading Coefficient (SC)

SC = SHGC/0.87



GLASS TECHNOLOGY FOR LIGHT AND SUSTAINABLE CONSTRUCTION

Saint-Gobain Glass offers a range of energy efficient glass and insulating glazing. With solar control, low emissivity, low maintenance and transparency, the glass range meets the requirements of low energy consumption buildings.

The technology behind solar control and low emissivity is a thin transparent coating of metallic oxides, deposited on one or two glass panes of a double or triple glazing unit. An invisible thermal shield, this coating retains the heat inside the building and captures the solar energy to keep it outside.

The innovation, technology and the low carbon contribution in sustainable construction developed by Saint-Gobain serve comfort and well-being for sustainable habitat.

INFINITY ADVANTAGE

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



- Superior Energy Performance
- Limitless Aesthetic options



INDIA'S FIRST LOW CARBON GLASS

- Over 70% recycled raw materials
- Made with 100% clean energy
- Over 50% reduced carbon footprint



ENERGY-SAVINGS SPACER BAR

Swisspacer Advance

- Enhanced thermal performance
- Durable and Versatile



SCAN TO EXPLORE



FACADE

Average performance of glass based on EN Standards for double glazing configuration of 6mm performance glass-12mm air gap- 6mm Clear glass with coating on surface #2 and for the single glazing 6mm with coating on surface #2

DGU values calculated with Clear Substrate as inner pane, except for extra clear appearance for which low-iron DIAMANT is used. Saint-Gobain Glass reserves the right to change product performance features without notice or obligation. The performance values shown are nominal and subject to variations due to manufacturing tolerances.
 * Validation should be taken with digital printing inks and enamels. Refers to the processing guidances of each product for more details about the processing conditions or contact the local Technical Support Manager.

Glazing 6-12-6/6	Glass	Generation	Product Name	Shade	Light Trans- mission %	Solar factor	Shading co-efficient	External reflection %	Internal reflection %	U-Value (W/sq.m.K)	PROCESSING POSSIBILITIES*		
											Laminated Tested towards PVB (Y/N)	Bending (Y/N)	Screen Printing and Enameling (Y/N)
Single Glazing	ST 708	Cool-lite	Blue Isle	Blue	6	0.15	0.18	20	34	3.6	Yes	Yes	*
Double Glazing	ST 708	Cool-lite	Blue Isle	Blue	5	0.09	0.11	20	36	1.9	Yes	Yes	*
Single Glazing	ST 720	Cool-lite	Tranquil Blue	Blue	13	0.26	0.3	16	27	5.2	Yes	Yes	Yes
Double Glazing	ST 720	Cool-lite	Tranquil Blue	Blue	12	0.17	0.19	16	30	2.6	Yes	Yes	Yes
Single Glazing	ST 736	Cool-lite	Blue breeze	Blue	23	0.34	0.39	12	18	5.5	Yes	Yes	Yes
Double Glazing	ST 736	Cool-lite	Blue breeze	Blue	21	0.24	0.27	12	22	2.7	Yes	Yes	Yes
Single Glazing	ST 750	Cool-lite	Royal Blue	Blue	32	0.4	0.46	10	16	5.6	Yes	Yes	Yes
Double Glazing	ST 750	Cool-lite	Royal Blue	Blue	29	0.29	0.34	11	21	2.8	Yes	Yes	Yes
Single Glazing	ST 767	Antelio Plus	Blue Ray	Blue	42	0.46	0.52	10	18	5.6	Yes	Yes	Yes
Double Glazing	ST 767	Antelio Plus	Blue Ray	Blue	38	0.36	0.41	12	22	2.8	Yes	Yes	Yes
Single Glazing	STB 120	Cool-lite	Titanium Blue	Blue	22	0.32	0.37	21	29	5.2	Yes	*	Yes
Double Glazing	STB 120	Cool-lite	Titanium Blue	Blue	20	0.24	0.27	21	32	2.7	Yes	*	Yes
Single Glazing	SCN 725	Horizon	Privasee Blue	Blue	18	0.27	0.31	17	6	4.8	*	*	*
Double Glazing	SCN 725	Horizon	Privasee Blue	Blue	16	0.18	0.21	17	13	2.5	*	*	*
Single Glazing	SCN 745	Horizon	Horizon Blue	Blue	28	0.34	0.39	12	6	5	*	*	*
Double Glazing	SCN 745	Horizon	Horizon Blue	Blue	25	0.25	0.29	13	13	2.6	*	*	*
Single Glazing	ET 725	Evo	Orion Blue	Blue	18	0.23	0.27	14	9	3.8	*	*	*
Double Glazing	ET 725	Evo	Orion Blue	Blue	16	0.16	0.19	14	15	2	*	*	*
Single Glazing	ET 735	Evo Plus	Evo Plus Blue	Blue	21	0.26	0.29	12	7	3.9	*	*	*
Double Glazing	ET 735	Evo Plus	Evo Plus Blue	Blue	19	0.19	0.21	12	14	2.1	*	*	*
Single Glazing	ET 751	Evolite	Evo lite NU - Blue	Blue	32	0.32	0.37	8	7	4.3	*	*	*
Double Glazing	ET 751	Evolite	Evo lite NU - Blue	Blue	29	0.24	0.28	9	14	2.3	*	*	*
Double Glazing	PLT TB	Planitherm	Satin Blue	Blue	48	0.35	0.4	7	11	1.8	*	*	*
Double Glazing	KT 725	Nano	Harmony Blue	Blue	15	0.15	0.17	11	16	1.7	Yes	*	*
Double Glazing	KT 730	Nano	Nano Cerulean	Blue	20	0.18	0.2	11	13	1.8	Yes	*	*
Double Glazing	KT 740	Nano	Twilight Blue	Blue	24	0.2	0.22	12	12	1.8	Yes	*	*
Double Glazing	KT 755	Nano	Misty Blue	Blue	30	0.24	0.28	10	10	1.9	Yes	*	*
Double Glazing	KT 764	Nano	Blue Horizon	Blue	36	0.29	0.33	8	9	1.9	Yes	*	*
Double Glazing	KS 730	Nano Silver	Sky	Blue	19	0.16	0.18	20	19	1.6	*	*	*
Double Glazing	KS 738	Nano Silver	Ultra Marine	Blue	23	0.18	0.21	18	20	1.6	*	Yes	*
Double Glazing	KS 746	Nano Silver	Lagoon	Blue	27	0.2	0.23	16	19	1.6	*	Yes	*
Double Glazing	KBT 130	Nano Blue	Blue Frost	Blue	25	0.22	0.25	21	22	1.7	*	*	*
Double Glazing	KBT 140	Nano Blue	Oxy Blue	Blue	36	0.3	0.35	24	17	1.8	*	*	*
Double Glazing	KBT 440	Wave	Wave	Blue Green	30	0.22	0.25	18	16	1.8	*	*	*
Double Glazing	SKN 733	Envision	Equinox Blue	Blue	19	0.15	0.17	8	10	1.6	*	Yes	*
Double Glazing	SKN 744	Envision	Lumosa	Blue	26	0.18	0.2	11	14	1.6	*	Yes	*
Double Glazing	SKN 752	Envision	Aeries Blue	Blue	31	0.2	0.23	10	13	1.6	*	Yes	*
Double Glazing	SKN 765	Envision	Stellar	Blue	38	0.24	0.27	9	17	1.5	*	Yes	*
Double Glazing	SKN 776	Envision	Nova	Blue	44	0.26	0.3	8	13	1.5	*	Yes	*
Double Glazing	SKN 783	Envision	Bright-N Blue	Blue	46	0.28	0.32	7	11	1.5	*	Yes	*
Single Glazing	ST 408	Cool-lite	Deep Green	Green	7	0.15	0.18	31	34	3.6	Yes	Yes	*
Double Glazing	ST 408	Cool-lite	Deep Green	Green	7	0.09	0.11	31	36	1.9	Yes	Yes	*
Single Glazing	ST 420	Cool-lite	Aquamarine	Green	17	0.27	0.31	23	27	5.2	Yes	Yes	Yes
Double Glazing	ST 420	Cool-lite	Aquamarine	Green	15	0.18	0.2	24	30	2.6	Yes	Yes	Yes
Single Glazing	ST 436	Cool-lite	Turquoise	Green	31	0.35	0.41	17	18	5.5	Yes	Yes	Yes
Double Glazing	ST 436	Cool-lite	Turquoise	Green	28	0.26	0.3	17	22	2.7	Yes	Yes	Yes
Single Glazing	ST 450	Cool-lite	Blue Green	Green	42	0.43	0.49	14	17	5.6	Yes	Yes	Yes
Double Glazing	ST 450	Cool-lite	Blue Green	Green	38	0.33	0.37	15	22	2.8	Yes	Yes	Yes
Single Glazing	ST 467	Antelio Plus	Emerald Glaze	Green	55	0.5	0.57	14	18	5.6	Yes	Yes	Yes
Double Glazing	ST 467	Antelio Plus	Emerald Glaze	Green	50	0.4	0.46	17	23	2.8	Yes	Yes	Yes
Single Glazing	SCN 425	Horizon	Privasee Green	Green	24	0.28	0.32	25	6	4.8	*	*	*
Double Glazing	SCN 425	Horizon	Privasee Green	Green	22	0.2	0.23	26	13	2.5	*	*	*
Single Glazing	SCN 445	Horizon	Horizon Green	Green	36	0.36	0.42	18	7	5	*	*	*
Double Glazing	SCN 445	Horizon	Horizon Green	Green	33	0.27	0.32	19	13	2.6	*	*	*
Single Glazing	ET 425	Evo	Green Aura	Green	23	0.25	0.28	21	9	3.8	*	*	*
Double Glazing	ET 425	Evo	Green Aura	Green	21	0.18	0.21	21	15	2	*	*	*
Single Glazing	ET 435	Evo Plus	Evo Plus Green	Green	28	0.27	0.32	17	7	3.9	*	*	*
Double Glazing	ET 435	Evo Plus	Evo Plus Green	Green	25	0.21	0.24	18	14	2.1	*	*	*
Single Glazing	ET 451	Evolite	Evo lite NU- Green	Green	42	0.35	0.4	11	7	4.3	*	*	*
Double Glazing	ET 451	Evolite	Evo lite NU- Green	Green	38	0.27	0.31	12	14	2.3	*	*	*
Double Glazing	PLT TG	Planitherm	Mint Green	Green	62	0.4	0.46	9	11	1.8	*	*	*
Double Glazing	KT 425	Nano	Harmony Green	Green	20	0.16	0.19	16	16	1.7	Yes	*	*
Double Glazing	KT 430	Nano	Nano Jade	Green	26	0.2	0.22	16	13	1.8	Yes	*	*

FACADE

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Double Glazing	KT 440	Nano	Tropica Green	Green	31	0.22	0.25	17	12	1.8	Yes	*	*
Double Glazing	KT 455	Nano	Olive	Green	39	0.27	0.31	13	10	1.9	Yes	*	*
Double Glazing	KT 464	Nano	Citron Frost	Green	47	0.33	0.37	11	10	1.9	Yes	*	*
Double Glazing	KS 430	Nano Silver	Zenith	Green	25	0.18	0.2	31	19	1.6	*	*	*
Double Glazing	KS 438	Nano Silver	Echo	Green	30	0.2	0.23	28	20	1.6	*	Yes	*
Double Glazing	KS 446	Nano Silver	Celeste	Green	35	0.23	0.26	24	19	1.6	*	Yes	*
Double Glazing	SKN 433	Envision	Equinox Green	Green	25	0.16	0.19	10	10	1.6	*	Yes	*
Double Glazing	SKN 444	Envision	Futura	Green	34	0.2	0.23	15	14	1.6	*	Yes	*
Double Glazing	SKN 452	Envision	Aeries Green	Green	41	0.22	0.26	14	14	1.6	*	Yes	*
Double Glazing	SKN 465	Envision	Supernova	Green	49	0.28	0.32	13	18	1.5	*	Yes	*
Double Glazing	SKN 476	Envision	Aurora	Green	57	0.3	0.35	10	14	1.5	*	Yes	*
Double Glazing	SKN 483	Envision	Bright-N Green	Green	60	0.32	0.37	10	12	1.5	*	Yes	*
Single Glazing	ST 108	Cool-lite	Platinum	Neutral	9	0.14	0.16	43	34	3.6	Yes	Yes	*
Double Glazing	ST 108	Cool-lite	Platinum	Neutral	8	0.1	0.11	43	36	1.9	Yes	Yes	*
Single Glazing	ST 120	Cool-lite	Sterling silver	Neutral	20	0.29	0.33	32	27	5.2	Yes	Yes	Yes
Double Glazing	ST 120	Cool-lite	Sterling silver	Neutral	18	0.21	0.25	32	30	2.6	Yes	Yes	Yes
Single Glazing	ST 136	Cool-lite	Graphite	Neutral	37	0.43	0.5	22	18	5.5	Yes	Yes	Yes
Double Glazing	ST 136	Cool-lite	Graphite	Neutral	34	0.35	0.4	23	23	2.7	Yes	Yes	Yes
Single Glazing	ST 150	Cool-lite	Dew Drop	Neutral	51	0.56	0.64	18	17	5.6	Yes	Yes	Yes
Double Glazing	ST 150	Cool-lite	Dew Drop	Neutral	46	0.47	0.54	20	22	2.8	Yes	Yes	Yes
Single Glazing	ST 167	Antelio Plus	Sparkling Ice	Neutral	67	0.68	0.78	19	19	5.6	Yes	Yes	Yes
Double Glazing	ST 167	Antelio Plus	Sparkling Ice	Neutral	60	0.6	0.68	22	23	2.8	Yes	Yes	Yes
Single Glazing	SCN 125	Horizon	Privasee Neutral	Neutral	29	0.31	0.36	35	6	4.8	*	*	*
Double Glazing	SCN 125	Horizon	Privasee Neutral	Neutral	26	0.25	0.28	36	13	2.5	*	*	*
Single Glazing	SCN 145	Horizon	Horizon Clear	Neutral	44	0.45	0.52	24	7	5	*	*	*
Double Glazing	SCN 145	Horizon	Horizon Clear	Neutral	40	0.37	0.43	26	14	2.6	*	*	*
Single Glazing	ET 125	Evo	Clear Cosmos	Neutral	28	0.29	0.34	28	9	3.8	*	*	*
Double Glazing	ET 125	Evo	Clear Cosmos	Neutral	25	0.23	0.27	29	15	2	*	*	*
Single Glazing	ET 135	Evo Plus	Evo Plus Clear	Neutral	34	0.34	0.39	23	8	3.9	*	*	*
Double Glazing	ET 135	Evo Plus	Evo Plus Clear	Neutral	31	0.28	0.32	24	14	2.1	*	*	*
Single Glazing	ET 151	Evolite	Evo lite NU	Neutral	51	0.43	0.5	13	8	4.3	*	*	*
Double Glazing	ET 151	Evolite	Evo lite NU	Neutral	46	0.36	0.42	16	14	2.3	*	*	*
Double Glazing	PLTT	Planitherm	Pristine White	Neutral	75	0.57	0.66	12	12	1.8	*	*	*
Double Glazing	KT 125	Nano	Harmony Clear	Neutral	24	0.21	0.24	22	17	1.7	Yes	*	*
Double Glazing	KT 130	Nano	Nano Zephyr	Neutral	31	0.25	0.29	22	14	1.8	Yes	*	*
Double Glazing	KT 140	Nano	Icy Menthol	Neutral	37	0.28	0.33	23	12	1.8	Yes	*	*
Double Glazing	KT 155	Nano	Moonshine	Neutral	47	0.38	0.43	17	11	1.9	Yes	*	*
Double Glazing	KT 164	Nano	Winter Mist	Neutral	57	0.47	0.54	14	10	1.9	Yes	*	*
Double Glazing	KNT 148	Nano	BluDE	Neutral	46	0.3	0.35	31	24	1.9	*	Yes	*
Double Glazing	KS 130	Nano Silver	Platina	Neutral	30	0.22	0.25	44	19	1.6	*	*	*
Double Glazing	KS 138	Nano Silver	Shine	Neutral	36	0.26	0.3	38	20	1.6	*	Yes	*
Double Glazing	KS 146	Nano Silver	Chroma	Neutral	42	0.29	0.34	33	19	1.6	*	Yes	*
Double Glazing	SKN 133	Envision	Equinox Clear	Neutral	30	0.19	0.22	13	10	1.6	*	Yes	*
Double Glazing	SKN 144	Envision	Iris	Neutral	41	0.24	0.27	20	15	1.6	*	Yes	*
Double Glazing	SKN 146	Envision	Quartz	Neutral	40	0.25	0.29	11	11	1.6	*	Yes	*
Double Glazing	SKN 152	Envision	Aeries	Neutral	49	0.27	0.31	18	14	1.6	*	Yes	*
Double Glazing	SKN 165	Envision	Lumina	Neutral	60	0.34	0.39	16	18	1.5	*	Yes	*
Double Glazing	SKN 176	Envision	Alpha	Neutral	69	0.37	0.43	13	15	1.5	*	Yes	*
Double Glazing	SKN 183	Envision	Bright-N	Neutral	72	0.4	0.46	12	13	1.5	*	Yes	*
Double Glazing	XTREME 50-22	Xtreme	Xtreme Clear	Neutral	46	0.22	0.25	16	18	1.5	*	Yes	*
Double Glazing	XTREME 60-28	Xtreme	Xtreme Clear	Neutral	60	0.28	0.33	14	17	1.5	*	Yes	*
Double Glazing	XTREME 70-33	Xtreme	Xtreme Clear	Neutral	69	0.33	0.38	11	13	1.5	*	Yes	*
Double Glazing	KG 122	Aurum	Aurum Gold	Gold	22	0.22	0.25	23	34	1.6	*	*	*
Single Glazing	STG 127	Midas Gold	Midas Gold	Gold	27	0.33	0.38	27	10	5.1	*	*	*
Double Glazing	STG 127	Midas Gold	Midas Gold	Gold	24	0.26	0.3	28	17	2.6	*	*	*
Single Glazing	STC 135	Kopper Nxt	Kopper Nxt	Copper	38	0.47	0.54	10	25	5.2	*	*	*
Double Glazing	STC 135	Kopper Nxt	Kopper Nxt	Copper	35	0.39	0.45	11	29	2.6	*	*	*
Single Glazing	STR 135	Rosa	Rosa Nxt	Rose Gold	36	0.47	0.54	9	28	5.1	*	*	*
Double Glazing	STR 135	Rosa	Rosa Nxt	Rose Gold	33	0.39	0.45	10	31	2.6	*	*	*
Single Glazing	SBRZ 130	Brown Star	Brown Star	Bronze	29	0.34	0.39	18	7	5.1	*	*	*
Double Glazing	SBRZ 130	Brown Star	Brown Star	Bronze	26	0.26	0.3	19	13	2.6	*	*	*
Double Glazing	KBRZ 127	Zen Bronze	Zen Bronze	Bronze	27	0.22	0.25	19	17	1.6	*	*	*



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Limited - Glass Business**

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