



Introducing... GraffitiTidy™

Solar Gard GraffitiTidy is a durable non-stick clear film suitable for applying to smooth surfaces to protect against graffiti damage such as marker pen and spray paint. Once applied to your smooth surface GraffitiTidy provides a durable non-stick barrier that is hydrophobic, meaning that it reacts by deterring liquids similar to the way a non-stick pan works. Its low surface energy means that even permanent marker pen can simply be wiped off with a dry cloth. GraffitiTidy boasts a very high chemical resistance meaning that existing graffiti-removal products are safe to use without damaging the surface beneath. GraffitiTidy is the ultimate protection for all kinds of smooth surfaces!

Solar Gard Low-E Window Films

Ecolux™ The Latest in Low-E Technology

This state of the art Low-E film offers home and building owners year round energy savings and comfort through its combination of superior solar control properties and unique Low-E coating. Together these advanced technologies keep the sun and ambient heat out in the summer, even when the sun goes down and in winter the Low-E coating works to keep the heat in, helping to reduce energy consumption from heating and cooling year round.

Silver AG Low-E summer/winter film

For year-round energy savings Solar Gard Silver AG 50 Low-E and Silver AG 25 Low-E window film can reduce your energy consumption during both cold and warm periods, providing year round energy and cost savings. The specialised low-e coating on Silver AG Low-E window film provides your building with exceptional benefits including:

- Reduces winter heating costs by reflecting interior heat back into your building
- Reduces hotspots in your building during the summer months
- Improves year-round occupant comfort

Silver AG 50 Low-E

Silver AG 50 Low-E lets in more natural light than other low emissivity (low e) window film products, resulting in:

- Increased daylight benefits over other insulating window treatments, minimising your need for interior lighting and improving occupant productivity
- Superior interior and exterior views

Silver AG 25 Low-E

offers the perfect solution for applications that call for a darker film.

TrueVue™

TrueVue dual reflective window films provide low reflectance when viewed from the interior of a window and a more reflective exterior, which helps provide high heat rejection.

Solar Gard TrueVue offers you:

- Protection from the sun's damaging ultraviolet rays
- Rejects up to 82% of the total solar energy to increase your comfort
- Low solar energy absorptance
- Reduces glare by up to 94%
- Helps to increase your interior daytime privacy

Dual reflective TrueVue comes in four different shades: 5, 15, 30 and 40 which provides you with a choice in visual appearance and solar performance and comes with a limited lifetime residential or a 10 year commercial warranty.

NightSky

NightSky window film provides the utmost optical clarity for stunning exterior views day and night. This is due to low interior and exterior reflection, which reduces reflectivity to increase clarity. With a warm dark tone, NightSky sets the stage for your viewing pleasure.

NightSky offers protection from the sun's damaging ultraviolet rays and controls heat from the exterior to increase comfort and reduce the cost of air conditioning. By controlling hot spots and uneven temperature zones while controlling glare, it eliminates the need for blinds or shutters. Available in three shades, 10, 20 & 30, NightSky provides you with a choice in visual appearance.

Night Scene

The Night Scene (Grey/Silver/Grey 10) combines excellent glare control and heat rejection with **extremely low mirror appearance**. The black tinted glass look from Night Scene offers good privacy during the day and enables you to maintain your views to the outside at night time. Night Scene brings you the best of both worlds.

LX70

Improve life's quality by keeping out uncomfortable heat, protecting building furnishings and letting in the light and view with Solar Gard LX70 window film. The film is virtually undetectable on your windows, but it keeps your building cooler and more comfortable whilst protecting your decor. LX70 provides an unaltered view of the outdoors whilst keeping your building naturally cool, and providing impressive energy savings and reducing more than half of the total solar energy entering through the windows.

Stainless Steel

The Solar Gard Stainless Steel series is a widely accepted solar-solution for buildings around the globe. These tints are grey-toned with a low reflective quality that makes them a natural complement to most interior and exterior colour schemes.

The stainless steel metal, laminating adhesives and scratch-resistant coating used in this tint series provide high performance, durability and longevity – making it the preferred choice of many.

Sterling

The Solar Gard Sterling series is a spectrally selective film with a high level of visible light transmission. The Sterling series is comprised of films that provide extraordinary solar energy rejection performance along with higher visible light transmission. This allows for a luminous and more beautiful interior, whilst ensuring a comfortable and temperate environment.

Solar Gard Sterling window films offer users a range of heat reduction options whilst maintaining everywhere from maximum natural light to a high degree of protection from heat and glare. These films range from lightly tinted, hardly noticeable from the inside to darker films that provide a greater degree of protection from heat and glare, all with a soft, neutral finish outside.

Quantum®

The patented Quantum films are fully metallised for maximum heat control and colour stability. Unlike conventional films which comprise dyed layers, Quantum films are warranted to never change colour for the life of your home in residential applications.

Quantum films offer high heat and glare rejection. Quantum films also offer low reflectivity so you won't have to live with a mirror look day or night.

Slate

The Dual-Reflective Slate series offers exceptional solar rejection performance with a more neutral finish. These films maintain office views with reduced interior and exterior reflectance, while increasing privacy by day. This series offers an attractive complement to building aesthetics and efficiency.

The Slate series maintains minimal night time reflectivity for an uncompromised view day or night. Slate films are ideal for applications where glare is a primary consideration, offering you optimum heat and glare reduction, added privacy, and softened natural lighting.

Slate films are neutrally tinted, hardly noticeable from the inside with a reflective finish outside.

Solar Bronze

The Solar Gard Solar Bronze series adds a warm copper finish to architectural windows, harmonising with natural, earthy colour schemes.

These films provide high heat rejection and excellent privacy while still maintaining decent levels of natural light. Add sophistication and beauty to your property with Solar Bronze.

Silver

The Solar Gard Silver series includes a wide variety of films, constructed of rare and precious metals such as Gold, Silver and Bronze. This series offers optimum privacy with minimal heat transmitting into your environment.

A popular choice for commercial properties, Silver series keeps occupants cool and comfortable, while yielding significant energy consumption reduction.

The serious films for serious results!

Sentinel™ Plus external films (OSW)

Sentinel™ Plus, the next generation in external (Outside Weatherable, OSW) films from Solar Gard. This exciting new range of OSW films has been specially formulated to incorporate the quality of the current line with innovative new technology to increase durability with an easier-to-clean surface.

Laminated or wired glass have physical properties that prohibit the installation of traditional indoor window film. Additionally, there are situations where indoor film cannot be applied, where access to the interior of a building or structure is limited or prohibited.

Sentinel Stainless Steel 40, 25 & 15 OSW films are designed to be an external sentry for buildings, protecting them from high levels of heat, glare, and UV while Sentinel Stainless Steel OSW films deliver high solar performance in an optically clear film for situations where indoor film shouldn't or couldn't be applied.

If you are looking for optimum privacy with minimal heat transmitting into your environment for external application, Sentinel Plus Silver 35 & 20 OSW films offer the perfect solution.

For safety applications Sentinel Plus also offers a 4 Mil Clear film.

Solar Gard® Armorcoat® safety films

Armorcoat clear safety films are colourless and undetectable on glass, which makes them the perfect protection retrofit. Unlike many other films, Armorcoat clear safety films are non-reflective so it is virtually invisible on your windows.

You maintain the natural appearance of your windows day or night. There is no mirror effect or detectable change to the glass surface so your windows look clear, bright and beautiful.

Armorcoat solar control safety films are tinted to provide additional sun related benefits, beyond ultraviolet protection.

These films include a metallised layer of polyester, sputter-coated with durable, exotic metals for exceptional, solar control performance capabilities and colour. In addition to glass retention, they're selected for their ability to offer privacy, balance temperatures, minimise eye-straining glare, and help preserve furnishings and merchandise.

Protect your occupants and property while keeping them cool and comfortable; and yield significant energy consumption reduction with solar safety Armorcoat.

Architectural Film Specifications

	Solar Heat Rejected %	Solar Heat Gain Coefficient (SHGC)	SOLAR ENERGY			VISIBLE LIGHT			Winter U Value (W/m ² ·C)	Emissivity	UV Rejection %	Glare Reduction %	Fade Reduction %
			Transmission %	Absorption %	Reflection %	Transmission %	Reflection Ext %	Reflection Int %					
3mm Clear Glass	15	0.85	83	9	8	90	9	9	5.90	0.84	27	-	-
LX70	55	0.45	37	28	35	72	9	9	5.68	0.77	>99	20	60
Stainless Steel 50	43	0.57	44	44	12	48	13	11	6.04	0.89	>99	46	63
Stainless Steel 35	47	0.53	39	48	13	42	15	13	6.02	0.88	>99	53	66
Stainless Steel 20	62	0.38	22	55	23	24	28	25	5.91	0.84	>99	74	74
Stainless Steel 10	75	0.25	9	55	37	9	43	42	5.73	0.79	>99	90	81
Solar Bronze 35	70	0.3	21	36	44	35	29	27	5.39	0.68	>99	61	73
Solar Bronze 20	78	0.22	12	38	50	22	37	36	5.34	0.66	>99	76	78
Silver 35	64	0.36	25	38	37	34	38	36	5.56	0.73	>99	62	72
Silver 20	79	0.21	12	36	53	16	58	58	5.51	0.70	>99	82	80
Grey/Silver 20	67	0.33	15	60	25	13	10	35	5.63	0.74	>99	86	78
Grey/Silver 15	74	0.27	9	61	30	8	11	49	5.56	0.72	>99	91	81
Silver/Grey 20	70	0.30	15	52	33	13	33	10	5.62	0.75	>99	85	79
Sterling 70	33	0.67	61	22	17	75	13	12	5.79	0.80	>99	17	55
Sterling 60	44	0.56	49	28	23	63	17	16	5.79	0.78	>99	30	60
Sterling 50	56	0.44	35	33	32	49	26	24	5.45	0.69	>99	45	66
Sterling 40	63	0.37	28	34	39	41	33	30	5.39	0.68	>99	54	70
Sterling 20	76	0.24	15	37	49	23	45	42	5.39	0.67	>99	75	78
QSQ 20	59	0.41	18	75	7	22	8	6	5.91	0.85	>99	76	74
QSQ 10	72	0.28	7	70	23	9	24	22	5.91	0.85	>99	90	80
Slate 30	63	0.37	23	48	30	30	24	14	5.91	0.84	>99	67	73
Slate 20	70	0.30	16	47	37	23	31	17	5.91	0.84	>99	75	76
Slate 10	79	0.21	8	44	48	12	44	21	5.85	0.82	>99	87	81
TrueVue 40	51	0.49	38	40	22	39	14	10	5.63	0.75	>99	56	68
TrueVue 30	61	0.39	27	41	32	31	22	13	5.63	0.75	>99	65	72
TrueVue 15	80	0.20	9	40	51	12	45	23	5.63	0.75	>99	87	82
TrueVue 5	82	0.18	6	43	51	5	45	8	5.63	0.75	>99	94	84
Night Scene GSG 10	70	0.3	12	64	25	6	10	10	5.73	0.79	>99	94	81
NightSky 30	48	0.52	35	56	9	32	10	9	6.02	0.88	>95	65	67
NightSky 20	57	0.43	24	65	11	20	13	12	5.96	0.86	>97	78	73
NightSky 10	62	0.38	16	71	13	10	16	14	5.99	0.87	>98	89	77
Ecolux 70	52	0.48	43	29	28	68	13	4	3.46	0.09	>99	24	63
Silver AG 50 Low-E	57	0.43	35	35	30	51	24	27	4.42	0.37	>99	43	64
Silver AG 25 Low-E	77	0.23	14	41	44	22	41	48	4.26	0.33	>99	76	78
Sentinel + Sil 35 OSW	67	0.33	25	29	46	34	41	37	5.89	0.78	>99	62	73
Sentinel + Sil 20 OSW	82	0.18	11	25	64	16	61	58	5.88	0.76	>99	82	81
Sentinel + SS40 OSW	50	0.5	37	46	17	39	18	16	5.9	0.87	>99	57	67
Sentinel + SS25 OSW	63	0.37	23	50	27	24	28	26	5.9	0.86	>99	74	74
Sentinel + SS15 OSW	73	0.27	13	49	38	13	40	36	5.91	0.83	>99	85	79
Sentinel + 4Mil Clr OSW	18	0.82	78	14	8	89	10	10	5.9	0.9	>99	1	47
7 Mil Clear	17	0.83	80	11	9	88	10	10	6.22	0.96	>99	2	47
4 Mil Clear	17	0.83	80	11	9	88	10	10	6.23	0.96	>99	2	46
2 Mil Clear	17	0.83	80	11	9	88	10	10	6.23	0.95	>99	2	48
4 Mil Stainless Steel 50	44	0.56	43	46	12	47	13	11	6.08	0.9	>99	48	64
4 Mil Silver 20	79	0.21	11	37	52	15	59	60	5.51	0.71	>99	83	81
4 Mil Sterling 60	47	0.53	46	28	26	62	20	19	5.56	0.72	>99	31	61
4 Mil NR Smoke 35	35	0.65	52	43	5	30	6	5	5.96	0.87	>99	66	66
6 Mil Graffitigard	16	0.84	80	12	8	88	10	10	6.42	0.89	>98	2	47
4 Mil Graffitigard	16	0.83	80	12	8	89	9	9	6.42	0.89	>98	1	46

1. The quoted Film Specification data contains only results arrived at after employing specific test procedures and standards exercised by an independent laboratory
2. The data does not constitute a recommendation for, endorsement of, or certification of the product or material tested
3. This data is provided for information purposes only and is not to be considered part of the basis of any bargain or transaction involving products of Saint-Gobain Solar Gard Australia Pty Ltd (SGSG)
FYI - Performance results are generated internally according to NFRC standards and methodology using LBNL Window 5.2.
1. The quoted Film Specification data contains only results arrived at after employing specific test procedures according to NFRC/AFRC standards
4. Performance data is subject to change without notice

Architectural Film To Glass Application Chart

	Clear Annealed (Float)	Tinted Annealed	Clear IGU	Clear IGU Low E #2	Clear IGU Low E #3	Tinted / Clear IGU	Tinted / Clear IGU Low E #2	Tinted / Clear IGU Low E #3	Clear Laminated	Tinted Laminated	Wired Glass	Toughened / Tempered	
LX70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Stainless Steel 50	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Stainless Steel 35	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Stainless Steel 20	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✗	✗	✓
Stainless Steel 10	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✗	✗	✓
Solar Bronze 35	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Solar Bronze 20	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Silver 35	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Silver 20	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Grey/Silver 20	✓	✗	✗	✓	✗	✓	✓	✓	✗	✓	✗	✗	✓
Grey/Silver 15	✓	✗	✗	✓	✗	✗	✓	✓	✗	✓	✗	✗	✓
Silver/Grey 20	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✗	✓
Sterling 70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Sterling 60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Sterling 50	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Sterling 40	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Sterling 20	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
QSQ 20	✓	✗	✗	C	✗	✗	C	✗	✗	✗	✗	✗	✓
QSQ 10	✓	✗	✗	C	✗	✗	C	✗	✗	✗	✗	✗	✓
Slate 30	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Slate 20	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Slate 10	✓	✓	✓	✓	C	✓	✓	✓	C	✓	✓	✗	✓
TrueVue 40	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
TrueVue 30	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
TrueVue 15	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
TrueVue 5	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✗	✗	✓
Night Scene GSG 10	✓	✗	✗	✓	✗	✗	✓	✓	✗	✗	✗	✗	✓
NightSky 30	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✗	✗	✓
NightSky 20	✓	✗	✗	✓	✗	✗	✓	✓	✗	✗	✗	✗	✓
NightSky 10	✓	✗	✗	C	✗	✗	C	✗	✗	✗	✗	✗	✓
Ecolux 70	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Silver AG 50 Low-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Silver AG 25 Low-E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Sentinel + Sil 35 OSW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sentinel + Sil 20 OSW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sentinel + SS40 OSW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sentinel + SS25 OSW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sentinel + SS15 OSW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sentinel + 4MilClrOSW	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7 Mil Clear	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
4 Mil Clear	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
2 Mil Clear	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
4 Mil Stainless Steel 50	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
4 Mil Silver 20	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
4 Mil Sterling 60	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
4 Mil NR Smoke 35	✓	✓	✓	✓	✗	✓	✓	✓	✗	✓	✓	✗	✓
Clear Frost	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
White Opaque	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
Black Opaque	C	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓
6 Mil Graffitigard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
4 Mil Graffitigard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓

DEFINITIONS

- ✓ = Yes
- ✗ = No
- C = Caution, refer Solar Gard
- Tinted / Clear IGU Low E #2 signifies a selaed double panel unit with external pane tinted, internal pane clear and a Low E glass coating installed on surface 2 (room side of the outside pane).
- These approvals are based on generic windows assuming pane size is ≤4.5 sqm, ≤6mm glass, resilient rubber gaskets, dark frame colour, no internal window dressings, no external shading, altitude below 750m, no HVAC vents directed at glass, no adjacent reflective surfaces, climate range >0° and <38° Celcius and a maximum project size <250 sqm. Any site conditions outside of these refer Solar Gard.
- All approvals assume the glass is in good condition and has been installed with good glazing practices meaning the glass edges are polished, free from chips and normal glass movement from thermal expansion is not impeded by the frame or other objects such as nails or screws inside the frame.

Architectural Warranty Terms

	Residential Terms	Commercial Terms	Internal / External Application	Fade
Architectural Solar Control Films				
Ecolux	Lifetime	15 years	Internal only	✓
LX70	Lifetime	10 years	Internal only	✓
Quantum/Silver/Quantum	Lifetime	10 years	Internal only	✓
Night Scene - G/S/G 10	Lifetime	10 years	Internal only	✗
NightSky	Lifetime	10 years	Internal only	✓
TrueVue	Lifetime	10 years	Internal only	✗
Sterling	10 years	10 years	Internal only	✓
Stainless Steel	10 years	10 years	Internal only	✓
Slate	10 years	10 years	Internal only	✓
Solar Bronze	10 years	10 years	Internal only	✓
Silver	10 years	10 years	Internal only	✓
Grey/Silver	7 years	7 years	Internal only	✗
Silver/Grey	7 years	7 years	Internal only	✗
Silver AG Low E	7 years	7 years	Internal only	✓
External Application Films				
Sentinel Plus OSW - vertical	7 years	7 years	External	✓
Sentinel Plus OSW - slope	3 years	3 years	External	✓
Decorative Films				
Clear Frost	5 years	5 years	Internal only	✗
White Opaque	5 years	5 years	Internal only	✗
Black Opaque	5 years	5 years	Internal only	✗
Solar Gard Armorcoat Clear Safety				
2 Mil Clear	10 years	10 years	Internal only	n/a
4 Mil Clear	10 years	10 years	Internal only	n/a
7 Mil Clear	10 years	10 years	Internal only	n/a
Solar Gard Armorcoat Solar Control Safety				
4 Mil Stainless Steel 50	10 years	10 years	Internal only	✓
4 Mil Silver 20	10 years	10 years	Internal only	✓
4 Mil Sterling 60	10 years	10 years	Internal only	✓
4 Mil Smoke 35	3 years	3 years	Internal only	✗
Graffiti Protection				
Graffitigard - internal	10 years	10 years	Internal	n/a
Graffitigard - external	3 years	3 years	External	n/a
GraffitiTidy - internal	10 years	10 years	Internal	n/a
GraffitiTidy - external	3 years	3 years	External	n/a
DEFINITIONS				
✓	= Warranted against colour change			
✗	= Not warranted against colour change			
n/a	= not applicable			

