



2023 Window Film Tax Credits

Manufacturer's Certification for Compliance with the Inflation Reduction Act of 2022 (IRA)

Document purpose

To provide a compliance guide to consumers and dealers as to which Solar Gard® window film products qualify for Federal Tax Credits in accordance with the Energy Efficient Home Improvement Credit. This bill extends tax credits for energy efficient home improvements (windows, doors, roofs, insulation, HVAC, and non-solar water heaters).

As amended by the Inflation Reduction Act (IRA), the Energy Efficient Home Improvement Credit has increased beginning January 1, 2023 with an annual credit of up to \$1,200. The amount of the credit is equal to 30% of the amount paid by the taxpayer for qualifying window film meeting the criteria established by the International Energy Conservation Code (IECC) standard (current version 2021). The federal income tax credits for energy efficiency home improvements will be available through 2032. For additional information, visit the Energy Star web site at https://www.energystar.gov/about/federal_tax_credits

Manufacturer's Name and Address

Saint-Gobain Solar Gard
4540 Viewridge Ave
San Diego, CA 92123-1637
866-576-0200
techservices@solargard.com
www.solargard.com

Eligible building envelope component: An insulation material or system that is specifically and primarily designed to reduce heat loss or gain of a residence.

Qualifying components: See tables 1 through 5 to determine Solar Gard solar-control window film qualifying products for various climate zones, and windows.



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Instructions

1. Certified products are sorted by zone then window configuration. Using the map on page 3 determine your climate zone.
2. For each window determine the glazing construction (glass and frame type) of the residence.
3. Qualifying products designated with a “YES” and frame type (V- Vinyl, W-Wood or M-Metal) that are found to comply for that climate zone and window configuration.
4. Complete IRS form [5695](#) and file your Income Tax Returns. Maintain copies of both dealer invoice and this manufacturer's certification statement for your records.

Additional Notes

1. Based on the minimum performance requirements, no single pane window applications qualify for this tax credit.
2. For storm windows use the double pane clear or double pane tinted configuration for determining product compliance.
3. If unable to determine the exact glass type use the more conservative value. For example, if you do not know if a window is clear or low-e use the clear. If you know the glazing has a low-e coating but do not know the type, use the Winter Low-E column.
4. Solar Gard solar safety versions qualify when the standard solar version is a qualifying product.
5. The use of Solar Gard window film products on the attached tables does not imply any warranty. Please consult your Solar Gard dealer for complete warranty information.

Under penalties of perjury, I declare that I have examined this certification statement, and to the best of my knowledge and belief, the facts are true, correct, and complete.

Vishal Mehrotra

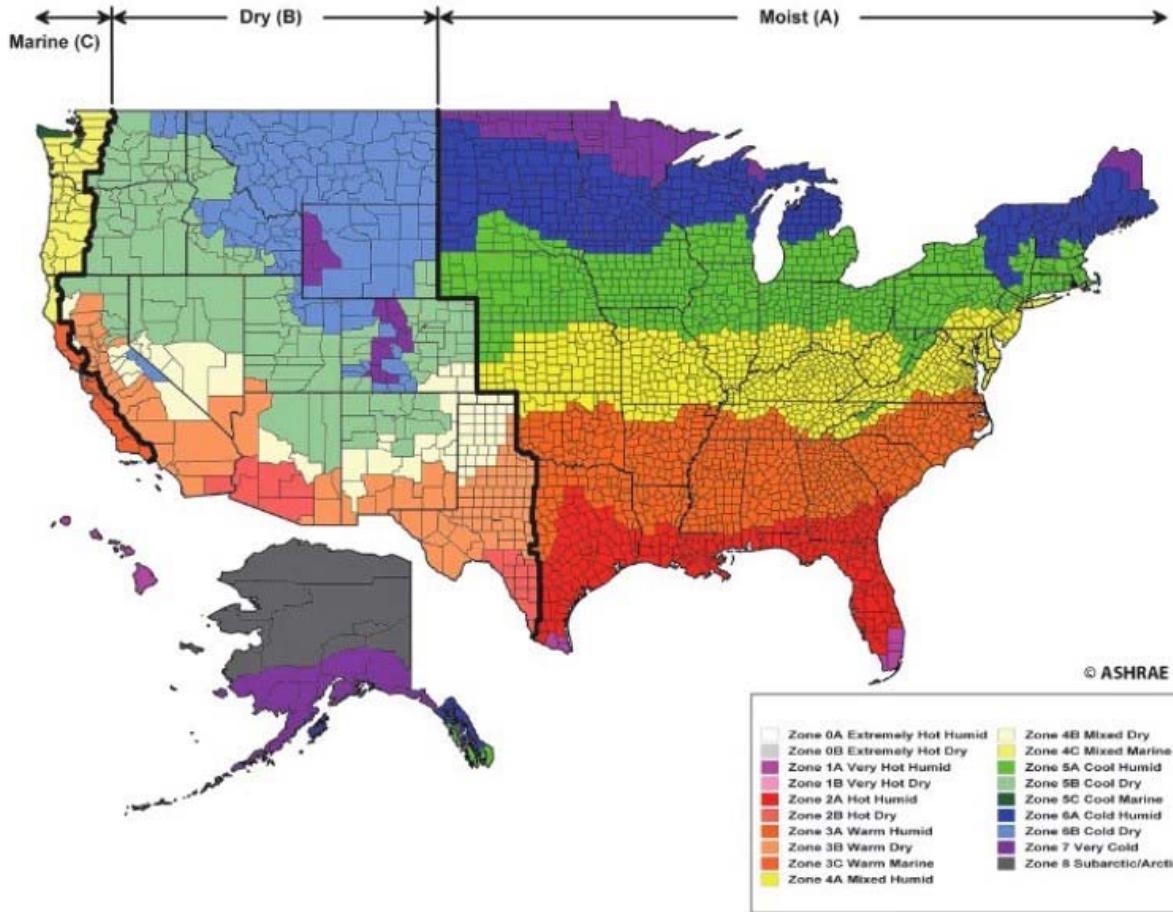
Vishal Mehrotra

General Manager – Thin Films



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Climate Zone 1

Based on IECC 2023
U-Factor <0.50 & SHGC <0.25

	Double Pane Windows				
	Clear	Tinted	Winter Low-E ¹	Winter/Summer Low-E ²	Summer Low-E ³
Stainless Steel 50					YES - VWM
Stainless Steel 35					YES - VWM
Stainless Steel 20					YES - VWM
Silver 50					YES - VWM
Silver 35				YES - VW	YES - VWM
Silver 20		YES - VW		YES - VWM	YES - VWM
PureVue 70					YES - VWM
PureVue 60					YES - VWM
PureVue 50					YES - VWM
PureVue 35					YES - VWM
TrueVue 40					YES - VWM
TrueVue 30					YES - VWM
TrueVue 15		YES - VW		YES - VWM	YES - VWM
TrueVue 5		YES - VW		YES - VWM	YES - VWM
Solar Bronze 35				YES - VW	YES - VWM
Solar Bronze 20		YES - VW		YES - VWM	YES - VWM
Grey/Silver/Grey 10					YES - VWM
Quantum/Silver/Quantum 20					YES - VWM
Quantum/Silver/Quantum 10					YES - VWM
Sentinel Plus Stainless Steel 40 OSW				YES - VWM	YES - VWM
Sentinel Plus Stainless Steel 25 OSW	YES - VW	YES - VW	YES - VWM	YES - VWM	YES - VWM
Sentinel Plus Stainless Steel 15 OSW	YES - VW	YES - VW	YES - VWM	YES - VWM	YES - VWM
Sentinel Plus SX 80 OSW					YES - VWM
Sentinel Plus SX 50 OSW		YES - VW		YES - VWM	YES - VWM
Sentinel Plus DX 15 OSW	YES - VW	YES - VW	YES - VWM	YES - VWM	YES - VWM
Sentinel Plus DX 5 OSW	YES - VW	YES - VW	YES - VWM	YES - VWM	YES - VWM
Sentinel Plus Silver 35 OSW	YES - VW	YES - VW	YES - VWM	YES - VWM	YES - VWM
Sentinel Plus Silver 20 OSW	YES - VW	YES - VW	YES - VWM	YES - VWM	YES - VWM
Panorama Films					
Ecolux 70					YES - VWM
Hilite 70					YES - VWM
Hilite 55					YES - VWM
Hilite 40					YES - VWM
Hilite 25					YES - VWM
Sterling 70					YES - VWM
Sterling 60					YES - VWM
Sterling 50					YES - VWM
Sterling 40				YES - VW	YES - VWM
Sterling 20		YES - VW		YES - VWM	YES - VWM
CX 60					YES - VWM
CX 50					YES - VWM
CX 35					YES - VWM
Slate 40					YES - VWM
Slate 30					YES - VWM
Slate 20				YES - VW	YES - VWM
Slate 10		YES - VW		YES - VWM	YES - VWM

Window Types

- 1 - Winter Low-E (Northern Regions)
- 2 - Winter/Summer Low-E (Northern/Southern Regions)
- 3 - Summer Low-E (Southern Regions)

Frame Types

- V - Vinyl
- W - Wood
- M - Metal



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Climate Zone 2

Based on IECC 2023
U-Factor <0.4 & SHGC <0.25

	Double Pane Windows				
	Clear	Tinted	Winter Low-E ¹	Winter/Summer Low-E ²	Summer Low-E ³
Stainless Steel 50					YES - VWM
Stainless Steel 35					YES - VWM
Stainless Steel 20					YES - VWM
Silver 50					YES - VWM
Silver 35				YES - VW	YES - VWM
Silver 20				YES - VWM	YES - VWM
PureVue 70					YES - VWM
PureVue 60					YES - VWM
PureVue 50					YES - VWM
PureVue 35					YES - VWM
TrueVue 40					YES - VWM
TrueVue 30					YES - VWM
TrueVue 15				YES - VWM	YES - VWM
TrueVue 5				YES - VWM	YES - VWM
Solar Bronze 35				YES - VW	YES - VWM
Solar Bronze 20				YES - VWM	YES - VWM
Grey/Silver/Grey 10					YES - VWM
Quantum/Silver/Quantum 20					YES - VWM
Quantum/Silver/Quantum 10					YES - VWM
Sentinel Plus Stainless Steel 40 OSW				YES - VWM	YES - VWM
Sentinel Plus Stainless Steel 25 OSW			YES - VW	YES - VWM	YES - VWM
Sentinel Plus Stainless Steel 15 OSW			YES - VW	YES - VWM	YES - VWM
Sentinel Plus SX 80 OSW					YES - VWM
Sentinel Plus SX 50 OSW				YES - VWM	YES - VWM
Sentinel Plus DX 15 OSW			YES - VW	YES - VWM	YES - VWM
Sentinel Plus DX 5 OSW			YES - VW	YES - VWM	YES - VWM
Sentinel Plus Silver 35 OSW			YES - VW	YES - VWM	YES - VWM
Sentinel Plus Silver 20 OSW			YES - VW	YES - VWM	YES - VWM
Panorama Films					
Ecolux 70					YES - VWM
Hilite 70					YES - VWM
Hilite 55					YES - VWM
Hilite 40					YES - VWM
Hilite 25					YES - VWM
Sterling 70					YES - VWM
Sterling 60					YES - VWM
Sterling 50					YES - VWM
Sterling 40				YES - VW	YES - VWM
Sterling 20				YES - VWM	YES - VWM
CX 60					YES - VWM
CX 50					YES - VWM
CX 35					YES - VWM
Slate 40					YES - VWM
Slate 30					YES - VWM
Slate 20				YES - VW	YES - VWM
Slate 10				YES - VWM	YES - VWM

Window Types

- 1 - Winter Low-E (Northern Regions)
- 2 - Winter/Summer Low-E (Northern/Southern Regions)
- 3 - Summer Low-E (Southern Regions)

Frame Types

- V - Vinyl
- W - Wood
- M - Metal



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Climate Zone 3

Based on IECC 2023
U-Factor <0.30 & SHGC <0.25

	Double Pane Windows				
	Clear	Tinted	Winter Low-E ¹	Winter/Summer Low-E ²	Summer Low-E ³
Stainless Steel 50					YES - V
Stainless Steel 35					YES - V
Stainless Steel 20					YES - V
Silver 50					YES - VW
Silver 35				YES - V	YES - VW
Silver 20				YES - VW	YES - VW
PureVue 70					YES - V
PureVue 60					YES - V
PureVue 50					YES - V
PureVue 35					YES - V
TrueVue 40					YES - VW
TrueVue 30					YES - VW
TrueVue 15				YES - V	YES - VW
TrueVue 5				YES - V	YES - VW
Solar Bronze 35				YES - V	YES - VW
Solar Bronze 20				YES - VW	YES - VW
Grey/Silver/Grey 10					YES - VW
Quantum/Silver/Quantum 20					YES - V
Quantum/Silver/Quantum 10					YES - V
Sentinel Plus Stainless Steel 40 OSW				YES - V	YES - V
Sentinel Plus Stainless Steel 25 OSW				YES - V	YES - V
Sentinel Plus Stainless Steel 15 OSW				YES - V	YES - V
Sentinel Plus SX 80 OSW					YES - V
Sentinel Plus SX 50 OSW				YES - V	YES - V
Sentinel Plus DX 15 OSW				YES - V	YES - V
Sentinel Plus DX 5 OSW				YES - V	YES - V
Sentinel Plus Silver 35 OSW				YES - V	YES - V
Sentinel Plus Silver 20 OSW				YES - V	YES - V
Panorama Films					
Ecolux 70					YES - VW
Hilite 70					YES - VW
Hilite 55					YES - VW
Hilite 40					YES - VW
Hilite 25					YES - VW
Sterling 70					YES - V
Sterling 60					YES - VW
Sterling 50					YES - VW
Sterling 40				YES - VW	YES - VW
Sterling 20				YES - VW	YES - VW
CX 60					YES - V
CX 50					YES - V
CX 35					YES - V
Slate 40					YES - V
Slate 30					YES - V
Slate 20				YES - V	YES - V
Slate 10				YES - V	YES - V

Window Types

- 1 - Winter Low-E (Northern Regions)
- 2 - Winter/Summer Low-E (Northern/Southern Regions)
- 3 - Summer Low-E (Southern Regions)

Frame Types

- V - Vinyl
- W - Wood
- M - Metal





Climate Zones 4 thru 5

Based on IECC 2023
U-Factor <0.30 & SHGC 0.40

	Double Pane Windows				
	Clear	Tinted	Winter Low-E ¹	Winter/Summer Low-E ²	Summer Low-E ³
Stainless Steel 50				YES - V	YES - V
Stainless Steel 35				YES - V	YES - V
Stainless Steel 20				YES - V	YES - V
Silver 50				YES - V	YES - VW
Silver 35				YES - V	YES - VW
Silver 20				YES - VW	YES - VW
PureVue 70				YES - V	YES - V
PureVue 60				YES - V	YES - V
PureVue 50				YES - V	YES - V
PureVue 35				YES - V	YES - V
TrueVue 40				YES - V	YES - VW
TrueVue 30				YES - V	YES - VW
TrueVue 15				YES - V	YES - VW
TrueVue 5				YES - V	YES - VW
Solar Bronze 35				YES - V	YES - VW
Solar Bronze 20			YES - V	YES - VW	YES - VW
Grey/Silver/Grey 10				YES - V	YES - VW
Quantum/Silver/Quantum 20				YES - V	YES - V
Quantum/Silver/Quantum 10				YES - V	YES - V
Sentinel Plus Stainless Steel 40 OSW				YES - V	YES - V
Sentinel Plus Stainless Steel 25 OSW				YES - V	YES - V
Sentinel Plus Stainless Steel 15 OSW				YES - V	YES - V
Sentinel Plus SX 80 OSW				YES - V	YES - V
Sentinel Plus SX 50 OSW				YES - V	YES - V
Sentinel Plus DX 15 OSW				YES - V	YES - V
Sentinel Plus DX 5 OSW				YES - V	YES - V
Sentinel Plus Silver 35 OSW				YES - V	YES - V
Sentinel Plus Silver 20 OSW				YES - V	YES - V
Panorama Films					
Ecolux 70				YES - VW	YES - VW
Hilite 70				YES - VW	YES - VW
Hilite 55				YES - V	YES - VW
Hilite 40				YES - VW	YES - VW
Hilite 25				YES - VW	YES - VW
Sterling 70				YES - V	YES - V
Sterling 60				YES - V	YES - VW
Sterling 50				YES - VW	YES - VW
Sterling 40			YES - V	YES - VW	YES - VW
Sterling 20			YES - V	YES - VW	YES - VW
CX 60				YES - V	YES - V
CX 50				YES - V	YES - V
CX 35				YES - V	YES - V
Slate 40				YES - V	YES - V
Slate 30				YES - V	YES - V
Slate 20				YES - V	YES - V
Slate 10				YES - V	YES - V

Window Types

- 1 - Winter Low-E (Northern Regions)
- 2 - Winter/Summer Low-E (Northern/Southern Regions)
- 3 - Summer Low-E (Southern Regions)

Frame Types

- V - Vinyl
- W - Wood
- M - Metal



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Climate Zones 6 thru 8

Based on IECC 2023
U-Factor <0.30 & SHGC None

	Double Pane Windows				
	Clear	Tinted	Winter Low-E ¹	Winter/Summer Low-E ²	Summer Low-E ³
Stainless Steel 50				YES - V	YES - V
Stainless Steel 35				YES - V	YES - V
Stainless Steel 20				YES - V	YES - V
Silver 50				YES - V	YES - VW
Silver 35				YES - V	YES - VW
Silver 20				YES - VW	YES - VW
PureVue 70				YES - V	YES - V
PureVue 60				YES - V	YES - V
PureVue 50				YES - V	YES - V
PureVue 35				YES - V	YES - V
TrueVue 40				YES - V	YES - VW
TrueVue 30				YES - V	YES - VW
TrueVue 15				YES - V	YES - VW
TrueVue 5				YES - V	YES - VW
Solar Bronze 35				YES - V	YES - VW
Solar Bronze 20			YES - V	YES - VW	YES - VW
Grey/Silver/Grey 10				YES - V	YES - VW
Quantum/Silver/Quantum 20				YES - V	YES - V
Quantum/Silver/Quantum 10				YES - V	YES - V
Sentinel Plus Stainless Steel 40 OSW				YES - V	YES - V
Sentinel Plus Stainless Steel 25 OSW				YES - V	YES - V
Sentinel Plus Stainless Steel 15 OSW				YES - V	YES - V
Sentinel Plus SX 80 OSW				YES - V	YES - V
Sentinel Plus SX 50 OSW				YES - V	YES - V
Sentinel Plus DX 15 OSW				YES - V	YES - V
Sentinel Plus DX 5 OSW				YES - V	YES - V
Sentinel Plus Silver 35 OSW				YES - V	YES - V
Sentinel Plus Silver 20 OSW				YES - V	YES - V
Panorama Films					
Ecolux 70			YES - VW	YES - VW	YES - VW
Hilite 70			YES - V	YES - VW	YES - VW
Hilite 55			YES - V	YES - V	YES - VW
Hilite 40			YES - V	YES - VW	YES - VW
Hilite 25			YES - V	YES - VW	YES - VW
Sterling 70				YES - V	YES - V
Sterling 60				YES - V	YES - VW
Sterling 50			YES - V	YES - VW	YES - VW
Sterling 40			YES - V	YES - VW	YES - VW
Sterling 20			YES - V	YES - VW	YES - VW
CX 60				YES - V	YES - V
CX 50				YES - V	YES - V
CX 35				YES - V	YES - V
Slate 40				YES - V	YES - V
Slate 30				YES - V	YES - V
Slate 20				YES - V	YES - V
Slate 10				YES - V	YES - V

Window Types

- 1 - Winter Low-E (Northern Regions)
- 2 - Winter/Summer Low-E (Northern/Southern Regions)
- 3 - Summer Low-E (Southern Regions)

Frame Types

- V - Vinyl
- W - Wood
- M - Metal



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