

Ceramic Black	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Ceramic Black 70	55	✗	✗	✗	✗	✗	✗
Ceramic Black 80	47	⌚	⌚	⌚	⌚	✗	✗
Ceramic Black 86	27	✔	✔	✔	✔	⌚	⌚

Ceramic DR	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Ceramic DR 05	39	✔	✔	✔	✔	✗	✗
Ceramic DR 15	43	✔	✔	✔	✔	✗	✗
Ceramic DR 25	45	⌚	⌚	⌚	⌚	✗	✗
Ceramic DR 35	47	⌚	⌚	⌚	⌚	✗	✗
Ceramic DR 45	50	⌚	⌚	⌚	⌚	✗	✗

Carbon DR	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Carbon DR 05	46	✔	✔	✔	✔	✗	✗
Carbon DR 15	47	✔	✔	✔	✔	✗	✗
Carbon DR 25	50	⌚	⌚	⌚	⌚	⌚	⌚
Carbon DR 35	50	⌚	⌚	⌚	⌚	⌚	⌚
Carbon DR 45	45	⌚	⌚	⌚	⌚	⌚	⌚

Solar Bronze	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Solar Bronze 20	53	⌚	⌚	⌚	⌚	✗	✗
Solar Bronze 35	52	⌚	⌚	⌚	⌚	✗	✗

Silver Reflective	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Silver Reflective 05	27	✔	✔	✔	✔	⌚	⌚
Silver Reflective 15	34	✔	✔	✔	✔	⌚	⌚
Silver Reflective 35	35	✔	✔	✔	✔	⌚	⌚
Silver Reflective 50	36	✔	✔	✔	✔	✔	✔
Silver Reflective 60	37	✔	✔	✔	✔	✔	✔

Exterior Silver Reflective	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Exterior Silver Reflective 15	18	✔	✔	✔	✔	✔	✔
Exterior Silver Reflective 35	47	✔	✔	✔	✔	✔	✔

Carbon View	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Carbon View 15	50	⌚	⌚	⌚	⌚	✗	✗
Carbon View 25	50	⌚	⌚	⌚	⌚	✗	✗

Specialty	Total Solar Absorbance	Single Clear <100 Sq Ft	Single Tinted <100 Sq Ft	Single Tempered Tinted/Clear <100 Sq Ft	Dual Clear <40 Sq Ft	Dual Tinted <40 Sq Ft	Dual Low-E Tinted/Clear <40 Sq Ft
Black Out	66	✗	✗	✗	✗	✗	✗
White Out	41	✔	✔	✔	✗	✗	✗
White Frost	22	✔	✔	✔	✔	✔	✔
Neutral View	50	✗	✗	✗	✗	✗	✗



Automatically approved for TSF & IGU Seal Failure warranty coverage at no additional fee.



NOT Automatically approved for TSF & IGU Seal Failure warranty coverage. Apply for coverage with additional fee.



TSF & IGU Failure warranty coverage is not available.

TSF = Thermal Shock Fracture • IGU = Insulated Glass Unit

WINDOW FILM INSTALLATION SCENARIOS TO AVOID

Do not install window film under the following conditions. Installation in these scenarios voids all SCF glass breakage liability.

TYPICAL GLASS CONDITIONS TO AVOID

- ⊘ 1/4" or thicker single tinted glass
- ⊘ 3/8" or thicker single clear glass
- ⊘ Dual pane glass exceeding 40 sq ft
- ⊘ Single pane glass exceeding 100 sq ft
- ⊘ Glass with any dimension over 10 ft
- ⊘ Glass with 25% or more exterior shading along edges or surface

FRAMING CONDITIONS TO AVOID

- ⊘ Glass installed in concrete framing
- ⊘ Worn or damaged gaskets, sealants, or glazing materials

EXTERIOR SHADING CONDITIONS

- Film to glass compatibility charts do not account for exterior shading
- Avoid installation where exterior shading is present

GLASS BREAKAGE WARRANTY AVAILABILITY

- SCF Glass breakage warranty coverage is NOT available above 1,000 feet elevation.
- If pre-approval is required, coverage begins only after written approval is received.

SPECIAL GLASS TYPES TO AVOID

- ⊘ Laminated glass
- ⊘ Acrylic or polycarbonate
- ⊘ Glass with three or more layers
- ⊘ Damaged glass including chips, cracks, or scratches
- ⊘ Glass with paint, vinyl, or lettering applied
- ⊘ Curved, textured, patterned, wired, or irregular glass

ADDITIONAL CONDITIONS TO AVOID

- ⊘ Buildings with a history of glass breakage
 - TSF thermal shock fracture
 - IGU seal failure
- ⊘ Film not installed edge on edge
- ⊘ Multiple film layers applied on the same glass
- ⊘ Installations exceeding 2,000 sq ft without written approval
- ⊘ Automotive films used in architectural applications

AS PER WARRANTY:

- Max payout per window: \$400
- Max payout per project, \$2,000