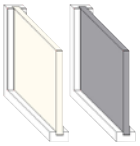
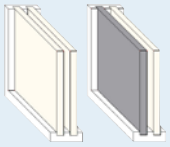
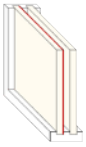
Film-to-Glass Guide – Europe

Film Type	 Single Pane; Clear or Tinted	 Double Pane; Clear or Tinted	 Double Pane; Clear Low-e #2	 Double Pane; Clear Low-e #3	 Triple Pane; Clear
Outside Weatherable Films					
Sentinel Plus Silver 35 OSW	●	●	●	●	●
Sentinel Plus Silver 20 OSW	●	●	●	●	●
Sentinel Plus Stainless Steel 40 OSW	●	●	■	●	●
Sentinel Plus Stainless Steel 25 OSW	●	●	▲	●	●
Sentinel Plus Stainless Steel 15 OSW	●	●	●	●	●
Sentinel Plus Solar Bronze 20 OSW	●	●	●	●	●
Sentinel Plus SX 80 OSW	●	●	▲	▲	▲
Sentinel Plus SX 50 OSW	●	●	●	●	●
Sentinel Plus DX 15 OSW	●	●	▲	●	●
Sentinel Plus DX 5 OSW	●	●	▲	●	●
Sentinel Plus QX 70 OSW	●	●	▲	●	●
Sentinel Plus QX 40 OSW	●	●	▲	●	●
Sentinel Plus QXN 75 OSW					
Silver					
Silver 50	●	●	●	▲	▲
Silver 35	●	●	●	▲	■
Silver 20	●	●	●	▲	■
Grey/Silver/Grey 10	▲	■	■	■	■
Sterling					
Sterling 70, Sterling 60 and Sterling 50	●	●	●	●	●
Sterling 40	●	●	●	▲	●
LX					
LX 70 and LX 80	●	●	●	●	●
LX 40	●	●	●	▲	■
Summer/Winter Low-Emissivity					
Ecolux 70, Silver AG 50 and Silver AG 25	●	●	●	■	■
TrueVue					
TrueVue 40, TrueVue 30, TrueVue 15 and TrueVue 5	●	●	●	▲	■
Stainless Steel					
Stainless Steel 50	●	●	●	■	■
Stainless Steel 20	▲	■	■	■	■
Solar Bronze					
Solar Bronze 35	●	●	●	▲	■
Solar Bronze 20	●	●	●	▲	■
EM Shielding					
EMS 7030 (same color as LX 70)	●	●	●	●	●
EMS 7040 (same color as LX 40)	●	●	●	▲	■
8 Mil EMS 7030	●	●	●	▲	■
Specialty					
Clear Frost RA (50)	●	●	●	●	●
Black Opaque RA	▲	■	■	■	■
White Opaque RA	●	▲	●	▲	●
PCR2	●	●	●	●	●
All Clear Graffitigard Films	●	●	●	●	●
Clear Safety & Security					
All Clear Safety Films	●	●	●	●	●
Solar Safety & Security					
4 Mil Stainless Steel 50	●	●	●	■	■
4 Mil Stainless Steel 35	●		●	■	■
4 Mil Stainless Steel 20	▲	■	■	■	■
8 Mil Stainless Steel 50 (RA)	●	●	●	■	■
8 Mil Stainless Steel 35	●	●	●	■	■
8 Mil Stainless Steel 20	▲	■	■	■	■
4 Mil Silver 20	●	●	●	▲	■
8 Mil Silver 35	●	●	●	▲	■
8 Mil Silver 20	●	●	●	▲	■
8 Mil LX 70	●	●	●	●	●

● = Low Risk ▲ = Caution, Submit Film-to-Glass Application for Risk Assessment ■ = Tempered Only

*** See Film-to-Glass Application Submittal instructions below.**

PDF0234INT 04/25 © Copyright 2025, Saint-Gobain Performance Plastics

Film-to-Glass Information

Film-to-Glass Application Submittal

This document provides guidance for the most common glass types, not all applications are covered. If you are not sure about a specific film-to-glass application or your situation is not covered in this document, you may submit a film-to-glass application to your local Solar Gard representative. Solar Gard will calculate a risk assessment for thermal glass breakage and insulated glass unit seal failure. The Film-to-Glass Application form can be downloaded from the Dealer Portal.

There are many different types of LowE and solar reflective coatings on the market. The above risk assessment is a general guideline.
To be sure, a calculation request can be submitted with the correct technical specifications of the coating.
Any film may be applied to glass constructions consisting of ALL panes being tempered and/or heat strengthened.

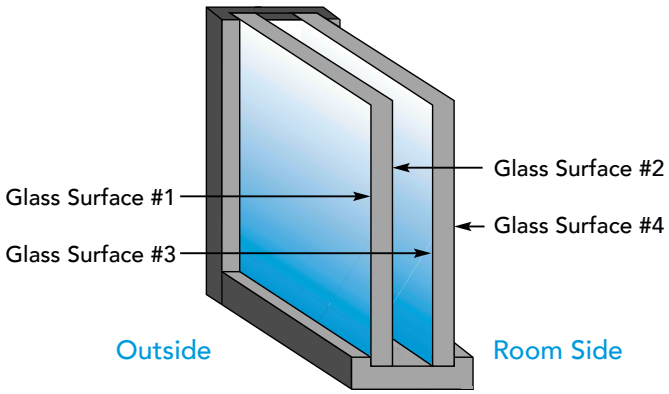
Film-To-Glass-Application needs to be submitted for any glazing type where at least one of the panes is 8mm or thicker. For laminated glass, use the combined thickness of both layers.

Film-to-Glass Application Disclaimers

Round, bent or laminated glass may be recommended by submitting a film-to-glass application. However, there is a high risk of glass breakage for applications with any of the following conditions:

1. Textured or wired glass;
2. Any glass with more than one window film applied;
3. Any window where light can be seen between the glass and the framing system;
4. Any plastic or polycarbonates;
5. Quadruple pane insulated glass (IG) units;
6. Glass with paint, lettering, vinyl graphics or other ornamentation;
7. Any pane with partial film installation. Film must cover the visible opening;
8. Damaged, chipped, cracked or scratched glass;
9. Glass with concrete framing;
10. Glass with metal framing that has no gaskets or seals;
11. Glass with framing sealant or gaskets that are no longer resilient;
12. Broken glass or insulated glass (IG) unit/s with seal failure prior to film installation;
13. Any building that has a history of glass breakage and/or seal failure problems;
14. Any film applied to spandrel glass;
15. Any automotive film NOT listed in this guide.

Side view of dual pane Insulated Glass (IG) Unit



SAINT-GOBAIN

Saint-Gobain Innovative Materials
Belgium SA/NV / Solar Gard
HQ: Avenue Einstein 6
1300 Wavre • Belgium
Contact address: Karreweg 18
9870 Zulte • Belgium
+32 (9) 240 95 66
solargard.eu@saint-gobain.com

PDF0234INT 02/25
© Copyright 2025, Saint-Gobain Performance Plastics and/or its affiliates
All Rights Reserved • www.solargard.com

www.solargard.eu

Please recycle