

WARRANTY TERMS & CONDITIONS

WARRANTY INFORMATION

IMPORTANT: Read this entire Limited Warranty (not transferable), before purchasing or installing XPEL® brand commercial and residential window films. By installing or using XPEL Technologies Corp. ("XPEL") VISION window films, you acknowledge that this Limited Warranty is part of the terms of sale.

WARRANTY COVERAGE

XPEL warrants professionally sold and installed XPEL® VISION brand commercial and residential window films (the "Products") to be free from the following. Defects in materials and workmanship: peeling, bubbling, rippling, cracking, adhesive failure, delamination, and demetalization. XPEL does not warrant any conditions of, or damage to, the Products other than the conditions described in this Limited Warranty. Warranty time periods vary and are stated on the schedule on the back of this Limited Warranty. PLEASE NOTE IMPORTANT EXCLUSIONS AND PRE-APPROVAL REQUIREMENTS SPECIFIED ON THE REVERSE SIDE OF THIS DOCUMENT.

GLASS BREAKAGE WARRANTY

Except with respect to the exclusion provided below, this Limited Warranty on the Products covers glass breakage due to thermal stress. XPEL reserves the right to have a local representative of its choice inspect the affected window(s) before approving claims. Upon approval of a claim at XPEL's sole discretion, XPEL will pay for glass unit replacement up to a maximum of \$500 per window.

SEAL FAILURE ON DUAL-PANE UNITS

Except with respect to the exclusion provided below, this Limited Warranty extends to seal failure on dual pane units, if and only if the customer has and provides to XPEL a window manufacturer's warranty against seal failure that is valid and not expired, at the time of claim. XPEL reserves the right to have a local representative of its choice inspect the affected window(s) before approving any claim. For approved claims, XPEL only warrants against seal failure for the remaining period of the window manufacturer's warranty, or the time period noted on the reverse side, whichever is shorter. Upon approval of a claim at XPEL's sole discretion, XPEL will pay for glass unit replacement up to a maximum of \$500 per window.

EXCLUSIONS; XPEL'S OPTION TO REMOVE FILM

This Limited Warranty does not extend to damage caused by improper Product installation, improper Product application, improper Product care, cleaning or maintenance, abnormal conditions, abuse, misuse, normal wear and tear, accidents, intentional damage of any kind, improper or unauthorized repairs, or any other acts or defects not related solely to defects in materials or workmanship. Buildings with any prior history of seal failure or thermal glass breakage are not eligible for glass breakage or seal failure coverage. Further, in the event of multiple failures on one or more filmed windows, XPEL reserves the right to remove all XPEL window film and reimburse the customer only the amount of the original film installation.

GENERAL PROVISIONS

This Limited Warranty is offered only to the original purchaser at the time of Product installation. This Limited Warranty may not be transferred, sold or assigned. Rental units are considered commercial properties. This Limited Warranty terminates automatically upon any sale, conveyance or change in tenancy of any property. For valid warranty claims, XPEL will have an authorized XPEL installer of its choice remove and reapply the Product to areas determined by XPEL in its sole discretion to be covered by this Limited Warranty, and XPEL will cover parts and labor. The replacement of the defective film, including parts and labor, is the exclusive remedy for all Products covered under this Limited Warranty. Payment for labor charges covered by this Limited Warranty

will be made directly to the authorized XPEL installer and will be calculated by using the coverage allowance published by XPEL.

WARRANTY DISCLAIMER

There are no warranties which extend beyond the description on the face hereof, nor are there warranties of fitness for a particular purpose or merchantability applicable to the products. This manufacturer's warranty does not cover custom products, improper or poor installation of the products which include but is not limited to, squeegeeing, trimming and measuring. In no event shall the manufacturer be liable or responsible for any loss or damage including, without limitation, direct, indirect or consequential damages, except as expressly set forth herein. This limited warranty is made in lieu of all warranties, expressed or implied, and is void if the product has been subject to abuse, improper installation and/or care. This warranty gives you specific legal rights and you may also have other rights which vary by state or province.

WARRANTY DISCLAIMER; APPLICATION OF LAW

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF, NOR ARE THERE WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY APPLICABLE TO THE PRODUCTS. THIS LIMITED WARRANTY DOES NOT COVER CUSTOM PRODUCTS. THIS LIMITED WARRANTY ALSO DOES NOT COVER IMPROPER OR POOR INSTALLATION OF THE PRODUCTS, WHICH INCLUDES BUT IS NOT LIMITED TO SQUEEGEEING, TRIMMING AND MEASURING. TO THE FULLEST EXTENT PERMITTED BY LAW, THIS LIMITED WARRANTY DOES NOT EXTEND TO, AND IN NO EVENT SHALL XPEL OR ANY AUTHORIZED XPEL INSTALLER BE LIABLE FOR, ANY INDIRECT, SPECIAL, INCIDENTAL, EXEMPLARY, CONSEQUENTIAL OR OTHER DAMAGE ARISING OUT OF THE INSTALLATION OR USE OF THE PRODUCT. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THE EXPRESS WARRANTIES AND REMEDIES DESCRIBED ABOVE ARE THE EXCLUSIVE WARRANTIES AND REMEDIES AVAILABLE AND ARE IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES, EXPRESS OR IMPLIED. XPEL HEREBY DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TO THE FULLEST EXTENT PERMITTED BY LAW, IN NO EVENT SHALL XPEL'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT. THIS PROVISION SETS AN UPPER LIMIT TO THE AMOUNT OF DAMAGES, IF ANY, THAT THE OWNER OF THE PRODUCT MAY RECOVER FOR ANY AND ALL CLAIMS AND CAUSES OF ACTION. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION.

TO MAKE A WARRANTY CLAIM

This Limited Warranty is the Product owner's sole and exclusive remedy. To file a warranty claim, you must first submit, within the Limited Warranty period, this warranty card and a copy of your original receipt for the Product identifying coverage areas, along with a detailed description of the purported defect to the authorized XPEL installer who performed the installation of the Product, or in the event you are unable to contact the original authorized XPEL installer, to XPEL at the address below. All warranty claims must include the claimant's name, phone number, address and the installation address (if different). All warranty claims must be approved by XPEL, and XPEL has the sole authority and discretion to determine the validity of all claims. XPEL reserves the right to deny claims that do not meet the criteria or are otherwise excluded as described above. For more information on this Limited Warranty, call the toll-free telephone number listed below.

XPEL, Inc.
711 Broadway St., Ste. 320
San Antonio, Texas 78215

(800) 447-9928
support@xpel.com

WARRANTY TERMS & CONDITIONS

DISPUTE RESOLUTION

By installing or using the Product, you agree to use, and shall use, only the dispute resolution procedure provided herein to assert any and all claims, causes of action or demands arising from or related to the Product or this Limited Warranty. First, within the Limited Warranty period, you shall notify XPEL, in writing, of the specific act and/or omission that forms the basis of your claim related to the Product and/or your contention that XPEL has not performed its obligations under this Limited Warranty. XPEL shall have no less than thirty (30) days after receipt of your written notification to review your contention, during which time you are prohibited from taking any further legal action. You must use this procedure as a condition precedent to pursue any other legal action or remedy. The written notice required under this informal dispute resolution process must be made to:

XPEL, Inc.
711 Broadway St., Ste. 320
San Antonio, Texas 78215

Second, if your claim or contention is not resolved within thirty (30) days after XPEL's receipt of your written notification above, any and all claims, causes of action or demands arising from or related to the Product or this Limited Warranty will be subject to mandatory, good-faith mediation to take place in San Antonio, Texas, United States of America at a mutually agreeable time, or at such other location to which XPEL, in its sole discretion, agrees in writing. Such mediation must be held within sixty (60) days after the date that you notify XPEL, in writing, of the specific act and/or omission that forms the basis of your claim related to the Product and/or your contention that XPEL has not performed its obligations under this Limited Warranty. Your good faith participation in such mediation is a condition precedent to the initiation or filing of any arbitration or legal proceeding against XPEL. Third, if such mediation is unsuccessful, any and all claims, causes of action or demands arising from or related to the Product or this Limited Warranty will be subject to binding arbitration administered by JAMS. By installing or using the Product, you agree that the exclusive and mandatory venue and location for any arbitration arising from or related to the Product or this Limited Warranty shall be in San Antonio, Texas, United States of America, unless XPEL agrees in writing, at its sole discretion, to conduct such arbitration in another venue or location. You may file suit against XPEL in a court of competent jurisdiction only to enforce an award rendered, if any, in an arbitration conducted pursuant to this Limited Warranty. With the sole exception of your right to enforce an arbitration award as provided herein, by installing or using the Product, you agree to: (1) waive any and all right to assert or maintain litigation against XPEL in any court, tribunal or any foreign or international forum, and (2) waive any and all right to a trial by jury.

SERIES FILM COMMERCIAL RESIDENTIAL GLASS BREAKAGE SEAL FAILURE**

SERIES	FILM	COMMERCIAL	RESIDENTIAL	GLASS BREAKAGE	SEAL FAILURE
SOLAR SERIES	Clear View Ceramic, Clear View Plus, Clear View Alloy, Daylight, Dark Neutral, Silver and Bronze, All Season	15 Years	Limited Lifetime	5 Years	3 Years
SOLAR SERIES	Evening View and Blend DR	10 Years	Limited Lifetime	5 Year	3 Years
SECURITY	4 mil, 8 mil, 14 mil	10 Years	Limited Lifetime	5 Year	3 Years
SOLAR SECURITY	Clear View Plus 8 mil, Neutral 50 & 35, 8 mil, and Silver 15 mil	10 Years	Limited Lifetime	5 Year	3 Years
EXTERIOR	All Exteriors	5/2 Years*	5/2 Years*	None	None
DECORATIVE	All Decorative	5 Years	5 Years	None	None
ANTI-GRAFFITI	All Anti-Graffiti	3 Years	3 Years	None	None
BLISTER PREVENTION	Blister Prevention	3 Years	3 Years	None	None

* Exterior films come with a film replacement warranty for 5 years and a labor warranty for 2 years. Scaffolding and other equipment or related costs are excluded.

SPECIAL RESTRICTIONS ON GLASS BREAKAGE AND SEAL FAILURE WARRANTY

Many applications of XPEL films are automatically covered for glass breakage in accordance with the above schedule. However, certain darker films and certain types of glass do not qualify for coverage unless written approval has been obtained in advance of installation from XPEL. Certain film and glass combinations require pre-approval, or are excluded. (See Film to Glass Chart for details)

NOTE: IF GLASS IS REPLACED BY THE CUSTOMER PRIOR TO MAKING A WARRANTY CLAIM FOR GLASS BREAKAGE OR SEAL FAILURE, THIS LIMITED WARRANTY IS VOIDED, UNLESS A DANGEROUS SITUATION EXISTS WHICH REQUIRES IMMEDIATE REPLACEMENT, IN WHICH CASE, THE CUSTOMER MUST TAKE A PHOTOGRAPH(S) THAT CLEARLY DEPICTS THE GLASS BREAKAGE OR SEAL FAILURE PRIOR TO REPLACING THE WINDOW. THE CUSTOMER MUST SUBMIT INFORMATION EVIDENCING THE DANGEROUS SITUATION AND THE REQUIRED PHOTOGRAPH(S) WITH ANY WARRANTY CLAIM.

VISION FILM TO GLASS CHART

FILM TO GLASS COMPATIBILITY

The purpose of this document is to guide you for the proper film to glass compatibility. Due to the variety of glass types, this chart cannot cover all types of glass. If your particular glass type is not listed or you would like pre-approval for certain applications, please contact or fill out the Pre-Approval form. This Film to Glass Compatibility chart is used in conjunction with the standard warranty for VISION films and affects your glass and seal failure coverage.

GUIDELINES

Per this guideline there is a 3 step approval for your project. All 3 steps have to pass to be eligible for a glass breakage warranty.

Step 1: Film compatibility checklist. Identify the glass that needs film and then pick a film that is compatible with the glass based on our chart.

Step 2: Check glazing condition. Do a thorough check of the entire glazing. Defects will void any glass or film warranty.

Step 3: Review the terms and conditions of the standard warranty to make sure everything else is in compliance

RESTRICTIONS

1. It is the installers responsibility to make sure they follow this compatibility guide and the XPEL warranty terms and conditions
2. Glass sizes- Single pane Max is 100 square feet and dual pane max is 40 square feet. Architecturally odd shaped (not rectangle) windows more than 20 square feet void the warranty. Glass with any single edge dimension greater than 10 feet
3. Projects over 3000 sq ft need prior written approval from XPEL.
4. Frame damage, chipped, scratched, cracked or any glass damage on the window being applied voids the warranty.
5. Uneven shading from the exterior will void warranty. (see warranty for details)
6. The following products have to edge sealed if installed within 25 miles of the ocean (Clear View Plus Series, Clear View Alloy Series and All Season 45, with Dow Corning 791/795 or the approved XPEL Sealant that can be purchased from XPEL).
7. For altitudes above 3000 ft, please consult our technical department.
8. There is no warranty on glass that is 3/8 inch or thicker, laminated, triple pane glass, non glass surfaces such as plastic and polycarbonates (except for Blister Prevention Film), spandrel glass, or glass with no gaskets/seals or concrete framing (unless otherwise noted). When two or more films are applied to the same pane, all warranties will be void. Partial installation of a pane of glass is not warranted.
9. Two or more films applied to the same pane will void all warranties. Partial installation of a pane of glass is not warranted.
10. Any building that has a history of glass issues, glass breakage and/or seal failure problems
11. If damage is caused by anything other than the film itself, no warranty will be provided.
12. Wired, textured, glass with uneven surfaces, paint, lettering, ornamentation, or vinyl graphics is not covered.
13. Any interior film applied to skylight glass.
14. Any film applied to plastic and polycarbonates, except for Blister Prevention Film. See warranty for Blister Prevention film for exact coverage.

ADDITIONAL

- If all panes are heat strengthened or tempered, all films are warranted for glass breakage. This chart should be used in conjunction with the stipulations of our warranty program. (See warranty for details)
- For all areas listed under caution, please fill out the form below for approval and send to support@xpel.com with a note for Vision pre-approval.

FILM TO GLASS CHART

					Single Pane				Dual Pane						Inboard/ Outboard
					Clear Annealed	H/S Tempered	Tinted Annealed		Clear Annealed		Outboard Tinted		Inboard Tinted		Tempered
1/8" -1/4" Mono	1/8" -3/8" Mono	1/8" -1/4" mono	1/8" -1/4" mono	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG					
1-100 sqft	1-100 sqft	1-40 sqft	40-100 sqft	1-30 sqft	30-40 sqft	1-30 sqft	30-40 sqft	1-30 sqft	30-40 sqft	1-40 sqft					
Product Description	Visible Light Transmitted	Solar Energy Reflected	Solar Energy Absorbed	TSER											
SPECIALTY SERIES															
All Season Intelligence 65 PS	65	28	30	52	●	●	●	●	●	●	●	●	●	●	
All Season 45 PS	51	28	30	57	●	●	●	●	●	●	●	●	●	●	
CLEAR VIEW															
Clear View Plus 70% PS	72	31	29	55	●	●	●	●	●	●	●	●	●	●	
Clear View Plus 55% PS	58	29	37	57	●	●	●	●	●	●	●	●	●	●	
Clear View Plus 40% PS	40	25	49	62	●	●	●	●	●	●	●	●	●	●	
Clear View Plus 20% PS	21	25	57	67	●	●	●	●	●	■	■	■	■	●	
Clear View Alloy 65 PS	65	23	31	44	●	●	●	●	●	●	●	●	●	●	
Clear View Alloy 50 PS	49	32	33	57	●	●	●	●	●	●	●	●	●	●	
Clear View Alloy 40 PS	41	38	34	64	●	●	●	●	●	●	●	●	●	●	
Clear View Ceramic 60 PS	61	13	38	41	●	●	●	●	●	●	●	●	●	●	
Clear View Ceramic 50 PS	51	15	45	48	●	●	●	●	●	●	●	●	●	●	
Clear View Ceramic 35 PS	35	22	51	61	●	●	●	●	●	●	●	●	●	●	
NEUTRAL															
Daylight 50 PS	52	10	39	43	●	●	●	●	●	●	●	●	●	●	
Daylight 28 PS	25	23	54	64	●	●	●	●	■	■	■	■	■	●	
Dark Neutral 25 DA	27	22	49	57	●	●	●	●	●	▲	▲	▲	▲	●	
Dark Neutral 15 DA	12	30	52	70	●	●	●	●	●	▲	▲	▲	▲	●	
METALLIC															
Evening View 45 DA	46	10	40	37	●	●	●	●	●	●	●	●	●	●	
Evening View 35 DA	37	15	44	44	●	●	●	●	●	●	▲	▲	■	●	
Evening View 25 DA	26	28	43	61	●	●	●	●	●	●	▲	▲	■	●	
Evening View 15 DA	15	48	39	76	●	●	●	●	●	●	▲	▲	■	●	
Evening View 5 DA	8	54	37	81	●	●	●	▲	●	●	▲	▲	▲	●	
Blend DR 37 PS	40	18	43	51	●	●	●	●	●	●	●	●	●	●	
Blend DR 27 PS	33	26	45	61	●	●	●	●	●	●	●	●	●	●	
Blend DR 17 PS	13	46	43	79	●	●	●	●	●	●	●	●	●	●	
Blend DR 7 PS	6	46	47	82	●	●	●	●	●	●	●	●	●	●	
Silver 50 PS	50	27	36	52	●	●	●	●	●	●	●	●	●	●	
Silver 15 PS	17	51	39	78	●	●	●	●	●	●	▲	▲	▲	●	
Bronze 40 PS	31	46	36	71	●	●	●	●	●	●	●	●	●	●	
Bronze 25 PS	22	49	39	77	●	●	●	●	●	●	●	▲	▲	●	

● **RECOMMENDED**
▲ **CAUTION RECOMMENDED, PRE-APPROVAL REQUIRED**
■ **DO NOT USE IN ANY CIRCUMSTANCE**

Inboard Tint - tint from the window manufacturer, commonly on surface 4
 Outboard Tint - tint from the window manufacturer, commonly on surface 1
 * Stamp in corner of the window should indicate which surface and if the glass has been heat strengthened. If not clearly documented, assume it's surface 1 until documentation states otherwise. Inboard tint has the higher risk for thermal breakage.

Notes and disclaimers:

1) The above values are based optical simulations using Window and Optics6 software developed by LBNL and are based on a typical dual glazing system with a low-e coating on surface 2.

2) Values are provided for reference only, actual performance may vary depending on exact glazing configuration. XPPEL does not provide warranty for thermal breakage and accepts no responsibility or liability for the accuracy or the completeness of the information provided.

3) Caution should be exercised when considering film for triple glazing, refer to XPPEL's film to glass chart for guidelines.

FILM TO GLASS CHART

Product Description	LOW-E				Triple Pane				Laminated
	Surface 2		Surface 3		Clear/Clear/Clear	Clear/Clear/Low-E	Tinted/Clear/Clear	Tinted/Clear/Clear	Clear Or Tinted
	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	Any Size
	1-30 sqft	30-40 sqft	1-30 sqft	30-40 sqft	1-40 sqft	1-40 sqft	1-40 sqft	1-40 sqft	
SPECIALTY SERIES									
All Season Intelligence 65 PS	■	■	■	■	■	■	■	■	●
All Season 45 PS	■	■	■	■	■	■	■	■	●
CLEAR VIEW									
Clear View Plus 70% PS	●	●	●	●	■	■	■	■	●
Clear View Plus 55% PS	●	●	●	●	■	■	■	■	●
Clear View Plus 40% PS	●	●	▲	▲	■	■	■	■	■
Clear View Plus 20% PS	■	■	■	■	■	■	■	■	■
Clear View Alloy 65 PS	●	●	●	●	■	■	■	■	●
Clear View Alloy 50 PS	●	●	●	●	■	■	■	■	●
Clear View Alloy 40 PS	●	●	▲	▲	■	■	■	■	■
Clear View Ceramic 60 PS	●	●	▲	▲	■	■	■	■	■
Clear View Ceramic 50 PS	●	●	▲	▲	■	■	■	■	■
Clear View Ceramic 35 PS	●	●	▲	▲	■	■	■	■	■
NEUTRAL									
Daylight 50 PS	●	●	●	●	■	■	■	■	■
Daylight 28 PS	■	■	■	■	■	■	■	■	■
Dark Neutral 25 DA	▲	▲	▲	▲	■	■	■	■	■
Dark Neutral 15 DA	▲	▲	▲	▲	■	■	■	■	■
METALLIC									
Evening View 45 DA	●	●	●	●	■	■	■	■	■
Evening View 35 DA	●	●	■	■	■	■	■	■	■
Evening View 25 DA	●	●	■	■	■	■	■	■	■
Evening View 15 DA	●	●	■	■	■	■	■	■	■
Evening View 5 DA	▲	▲	▲	▲	■	■	■	■	■
Blend DR 37 PS	●	●	●	●	■	■	■	■	■
Blend DR 27 PS	●	●	▲	▲	■	■	■	■	■
Blend DR 17 PS	●	●	▲	▲	■	■	■	■	■
Blend DR 7 PS	●	●	▲	▲	■	■	■	■	■
Silver 50 PS	●	●	▲	▲	■	■	■	■	■
Silver 15 PS	▲	■	▲	■	■	■	■	■	■
Bronze 40 PS	▲	▲	▲	▲	■	■	■	■	■
Bronze 25 PS	▲	▲	▲	▲	■	■	■	■	■

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Inboard Tint - tint from the window manufacturer, commonly on surface 4

Outboard Tint - tint from the window manufacturer, commonly on surface 1

* Stamp in corner of the window should indicate which surface and if the glass has been heat strengthened. If not clearly documented, assume it's surface 1 until documentation states otherwise. Inboard tint has the higher risk for thermal breakage.

Notes and disclaimers:

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3) Caution should be exercised when considering film for triple glazing, refer to XPEL's film to glass chart for guidelines.

FILM TO GLASS CHART

Product Description					Single Pane				Dual Pane						Inboard/Outboard
					Clear Annealed	H/S Tempered	Tinted Annealed		Clear Annealed		Outboard Tinted		Inboard Tinted		Tempered
					1/8" -1/4" Mono	1/8" -3/8" Mono	1/8" -1/4" mono	1/8" -1/4" mono	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG
					1-100 sqft	1-100 sqft	1-40 sqft	40-100 sqft	1-30 sqft	30-40 sqft	1-30 sqft	30-40 sqft	1-30 sqft	30-40 sqft	1-40 sqft
Visible Light Transmitted	Solar Energy Reflected	Solar Energy Absorbed	TSER												
EXTERIOR															
Exterior Clear Performance 75 PS	78	7	51	42	●	●	●	●	●	●	●	●	●	●	●
Exterior Neutral 40 PS	40	16	46	50	●	●	●	●	●	●	●	●	●	●	●
Exterior Neutral 20 PS	12	39	50	76	●	●	●	●	●	●	●	●	●	●	●
Exterior Silver 15 PS	18	61	23	78	●	●	●	●	●	●	●	●	●	●	●
Exterior Blend DR 7 PS	5	60	33	88	●	●	●	●	●	●	●	●	●	●	●
SECURITY															
Security Clear 4mil PS	89	8	12	17	●	●	●	●	●	●	●	●	●	●	●
Security Clear 8mil PS	89	8	13	18	●	●	●	●	●	●	●	●	●	●	●
Security Clear 14mil PS	88	9	13	19	●	●	●	●	●	●	●	●	●	●	●
Security 8 mil Clear View Plus 70	73	26	34	51	●	●	●	●	●	●	●	●	●	●	●
Security 8mil Neutral 50 PS	55	12	43	41	●	●	●	●	●	●	●	●	●	●	●
Security 8mil Neutral 35 PS	38	13	49	50	●	●	●	●	●	●	●	●	●	●	●
Security 8mil Silver 15 PS	15	51	37	79	●	●	●	●	●	●	●	●	●	●	●
Exterior Security Clear 7mil	88	7	17	19	●	●	●	●	●	●	●	●	●	●	●
ANTI-GRAFFITI															
Anti-Graffiti 4mil PS	89	8	12	17	●	●	●	●	●	●	●	●	●	●	●
Anti-Graffiti 6mil PS	89	8	12	17	●	●	●	●	●	●	●	●	●	●	●
DECORATIVE															
White Frost	65	20	19	33	●	●	●	●	●	●	●	●	●	●	●
Black Out	0	5	95	75	■	●	■	■	■	■	■	■	■	■	●
White Out	9	53	33	78	■	●	■	■	■	■	■	■	■	■	●
Dusted Crystal	86	8	13	17	■	●	■	■	■	■	■	■	■	■	●
Blister Prevention	89	8	12	16	●	●	●	●	●	●	●	●	●	●	●
Bird Safe	88	9	13	18	●	●	●	●	●	●	●	●	●	●	●

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Product Description	LOW-E				Triple Pane				Laminated
	Surface 2		Surface 3		Clear/Clear/Clear	Clear/Clear/Low-E	Tinted/Clear/Clear	Tinted/Clear/Clear	Clear Or Tinted
	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	1/8" - 1/4" IG	Any Size
	1-30 sqft	30-40 sqft	1-30 sqft	30-40 sqft	1-40 sqft	1-40 sqft	1-40 sqft	1-40 sqft	
Product Description									
EXTERIOR									
Exterior Clear Performance 75 PS	●	●	●	●	●	●	●	●	■
Exterior Neutral 40 PS	●	●	●	●	●	●	●	●	■
Exterior Neutral 20 PS	●	●	●	●	●	●	●	●	■
Exterior Silver 15 PS	●	●	●	●	●	●	●	●	■
Exterior Blend DR 7 PS	●	●	●	●	●	●	●	●	■
SECURITY									
Security Clear 4mil PS	●	●	●	●	●	●	●	●	●
Security Clear 8mil PS	●	●	●	●	●	●	●	●	●
Security Clear 14mil PS	●	●	●	●	●	●	●	●	●
Security 8 mil Clear View Plus 70	●	●	●	●	■	■	■	■	●
Security 8mil Neutral 50 PS	●	●	●	●	■	■	■	■	■
Security 8mil Neutral 35 PS	▲	▲	▲	▲	■	■	■	■	■
Security 8mil Silver 15 PS	▲	▲	▲	▲	■	■	■	■	■
Exterior Security Clear 7mil	●	●	●	●	●	●	●	●	●
ANTI-GRAFFITI									
Anti-Graffiti 4mil PS	●	●	●	●	●	●	●	●	●
Anti-Graffiti 6mil PS	●	●	●	●	●	●	●	●	●
DECORATIVE									
White Frost	●	●	●	●	●	●	●	●	●
Black Out	■	■	■	■	■	■	■	■	■
White Out	■	■	■	■	■	■	■	■	■
Dusted Crystal	■	■	■	■	■	■	■	■	■
Blister Prevention	●	●	●	●	●	●	●	●	●
Bird Safe	●	●	●	●	●	●	●	●	●

● **RECOMMENDED**
▲ **CAUTION RECOMMENDED, PRE-APPROVAL REQUIRED**
■ **DO NOT USE IN ANY CIRCUMSTANCE**

Inboard Tint - tint from the window manufacturer, commonly on surface 4

Outboard Tint - tint from the window manufacturer, commonly on surface 1

* Stamp in corner of the window should indicate which surface and if the glass has been heat strengthened. If not clearly documented, assume it's surface 1 until documentation states otherwise. Inboard tint has the higher risk for thermal breakage.

Notes and disclaimers:

1) The above values are based optical simulations using Window and Optics6 software developed by LBNL and are based on a typical dual glazing system with a low-e coating on surface 2.

2) Values are provided for reference only, actual performance may vary depending on exact glazing configuration. XPEL does not provide warranty for thermal breakage and accepts no responsibility or liability for the accuracy or the completeness of the information provided.

3) Caution should be exercised when considering film for triple glazing, refer to XPEL's film to glass chart for guidelines.