



Film-To-Glass Installation Guidance Chart

Estate	Single Clear Absorption %	Single Clear Install Guide	Dual Clear Install Guide	Single Tinted Install Guide	Dual Tinted Install Guide	Low-E Install Guide
Neutral 65	32	1	1	1	1	1
Neutral 50	42	1	1	1	1	1
Neutral 35	49	1	1	1	2	2
Neutral 20	53	1	2	2	2	3
Dual Reflective 40	49	1	1	1	2	2
Dual Reflective 30	45	1	1	1	2	2
Dual Reflective 15	45	1	1	1	2	3
Solar Bronze 50	36	1	1	1	1	2
Solar Bronze 35	40	1	1	1	1	2
Solar Bronze 20	38	1	1	1	1	2

SunGate	Single Clear Absorption %	Single Clear Install Guide	Dual Clear Install Guide	Single Tinted Install Guide	Dual Tinted Install Guide	Low-E Install Guide
Crystal 50	48	1	1	1	1	2
Crystal 35	60	2	3	2	3	3
Crystal 20	72	2	3	2	3	3
Alox 50	44	1	1	1	1	1
Alox 35	55	2	2	2	3	3
Alox 20	71	2	3	2	3	3

Reflective	Single Clear Absorption %	Single Clear Install Guide	Dual Clear Install Guide	Single Tinted Install Guide	Dual Tinted Install Guide	Low-E Install Guide
Silver Reflective 50	41	1	1	1	1	1
Silver Reflective 35	41	1	1	1	1	2
Silver Reflective 20	38	1	1	1	2	2
Grey Reflective 35	49	1	1	1	2	3
Grey Reflective 20	52	1	2	2	2	3
Grey Reflective 5	66	2	2	2	3	3
Bronze Reflective 40	47	1	1	1	2	2
Bronze Reflective 30	51	1	2	1	3	3

Installation Guide Ratings

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

2 = NOT automatically approved for TSF & IGU Seal Failure warranty coverage. Apply for coverage with additional fee.

3 = TSF & IGU Seal Failure warranty coverage is NOT available.



Film-To-Glass Installation Guidance Chart

GlobalGuard™	Single Clear Absorption %	Single Clear Install Guide	Dual Clear Install Guide	Single Tinted Install Guide	Dual Tinted Install Guide	Low-E Install Guide
4 MIL Clear	11	1	1	1	1	1
7 MIL Clear	12	1	1	1	1	1
8 MIL Clear	12	1	1	1	1	1
12 MIL Clear	11	1	1	1	1	1
4 MIL Silver Reflective 35	41	1	1	1	2	2
4 MIL Silver Reflective 20	41	1	1	1	2	3
8 MIL Silver Reflective 20	41	1	1	1	2	3
4 MIL Charcoal 40	39	1	1	1	2	2

Specialty	Single Clear Absorption %	Single Clear Install Guide	Dual Clear Install Guide	Single Tinted Install Guide	Dual Tinted Install Guide	Low-E Install Guide
Silver Matte	30	1	1	1	2	3
Bronze Matte	38	1	1	1	2	1
Grey Matte	38	1	1	1	2	1
White Matte	31	1	1	1	1	1
White Out	41	1	1	1	3	3
Black Out	59	2	3	2	3	3
UV Clear	13	1	1	1	1	1
Blue 35	38	1	1	1	1	1
Yellow 80	22	1	1	1	1	1
Red 20	35	1	1	1	1	1

Installation Guide Ratings

- 1 = Automatically approved for TSF & IGU Seal Failure warranty coverage at no additional fee.
- 2 = NOT automatically approved for TSF & IGU Seal Failure warranty coverage. Apply for coverage with additional fee.
- 3 = TSF & IGU Seal Failure warranty coverage is NOT available.