



ESTATE NEUTRAL 65



Construction

Ply	2
Mil Thickness	1.5

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	57	59
Solar Energy Absorbed %	35	32
Solar Energy Reflected %	8	9
Visible Light Transmitted %	63	63
Visible Light Reflected % - Interior	10	10
Visible Light Reflected % - Exterior	10	11
Ultraviolet Rejected %	99	99
Shading Coefficient	.78	.79
Solar Heat Reduction %	22	21
Total Solar Energy Rejected %	32	31
Glare Reduction %	30	30
Emissivity	.86	.86
U-Value	1.10	1.13



Film-To-Glass Installation Ratings Estate Neutral 65

Single Clear	1
Dual Clear	1
Single Tinted	1
Dual Tinted	1
Low-E	1

Film-To-Glass Installation Ratings

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

Important

Data created from testing of film installed on 1/8" and 1/4" thick clear float glass. Data is representative of actual production. Batch to batch variations are within industry standards.



ESTATE NEUTRAL 50



Construction

Ply	2
Mil Thickness	1.5

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	43	45
Solar Energy Absorbed %	46	42
Solar Energy Reflected %	11	13
Visible Light Transmitted %	50	50
Visible Light Reflected % - Interior	12	12
Visible Light Reflected % - Exterior	12	14
Ultraviolet Rejected %	99	99
Shading Coefficient	.66	.67
Solar Heat Reduction %	34	33
Total Solar Energy Rejected %	43	42
Glare Reduction %	45	45
Emissivity	.85	.85
U-Value	1.09	1.12



Film-To-Glass Installation Ratings Estate Neutral 50

Single Clear	1
Dual Clear	1
Single Tinted	1
Dual Tinted	1
Low-E	1

Film-To-Glass Installation Ratings

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Construction

Ply	2
Mil Thickness	1.5

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	31	33
Solar Energy Absorbed %	53	49
Solar Energy Reflected %	16	18
Visible Light Transmitted %	36	37
Visible Light Reflected % - Interior	18	18
Visible Light Reflected % - Exterior	19	20
Ultraviolet Rejected %	99	99
Shading Coefficient	.54	.55
Solar Heat Reduction %	46	45
Total Solar Energy Rejected %	53	52
Glare Reduction %	60	59
Emissivity	.83	.83
U-Value	1.08	1.11



Film-To-Glass Installation Ratings Estate Neutral 35

Single Clear	1
Dual Clear	1
Single Tinted	1
Dual Tinted	2
Low-E	2

Film-To-Glass Installation Ratings

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ESTATE NEUTRAL 20



Construction

Ply	2
Mil Thickness	1.5

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	18	20
Solar Energy Absorbed %	57	53
Solar Energy Reflected %	25	27
Visible Light Transmitted %	20	21
Visible Light Reflected % - Interior	27	27
Visible Light Reflected % - Exterior	27	31
Ultraviolet Rejected %	99	99
Shading Coefficient	.40	.41
Solar Heat Reduction %	60	59
Total Solar Energy Rejected %	65	64
Glare Reduction %	78	77
Emissivity	.82	.82
U-Value	1.07	1.10



Film-To-Glass Installation Ratings Estate Neutral 20

Single Clear	2
Dual Clear	3
Single Tinted	2
Dual Tinted	3
Low-E	3

Film-To-Glass Installation Ratings

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Important

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