



ESTATE DUAL REFLECTIVE 40



Construction

Ply	3
Mil Thickness	1.5

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	33	35
Solar Energy Absorbed %	51	49
Solar Energy Reflected %	16	16
Visible Light Transmitted %	39	40
Visible Light Reflected % - Interior	12	12
Visible Light Reflected % - Exterior	14	15
Ultraviolet Rejected %	99	99
Shading Coefficient	.54	.56
Solar Heat Reduction %	46	44
Total Solar Energy Rejected %	53	52
Glare Reduction %	57	57
Emissivity	.75	.75
U-Value	1.04	1.07



Film-To-Glass Installation Ratings Estate Dual Reflective 40

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

Film-To-Glass Installation Ratings

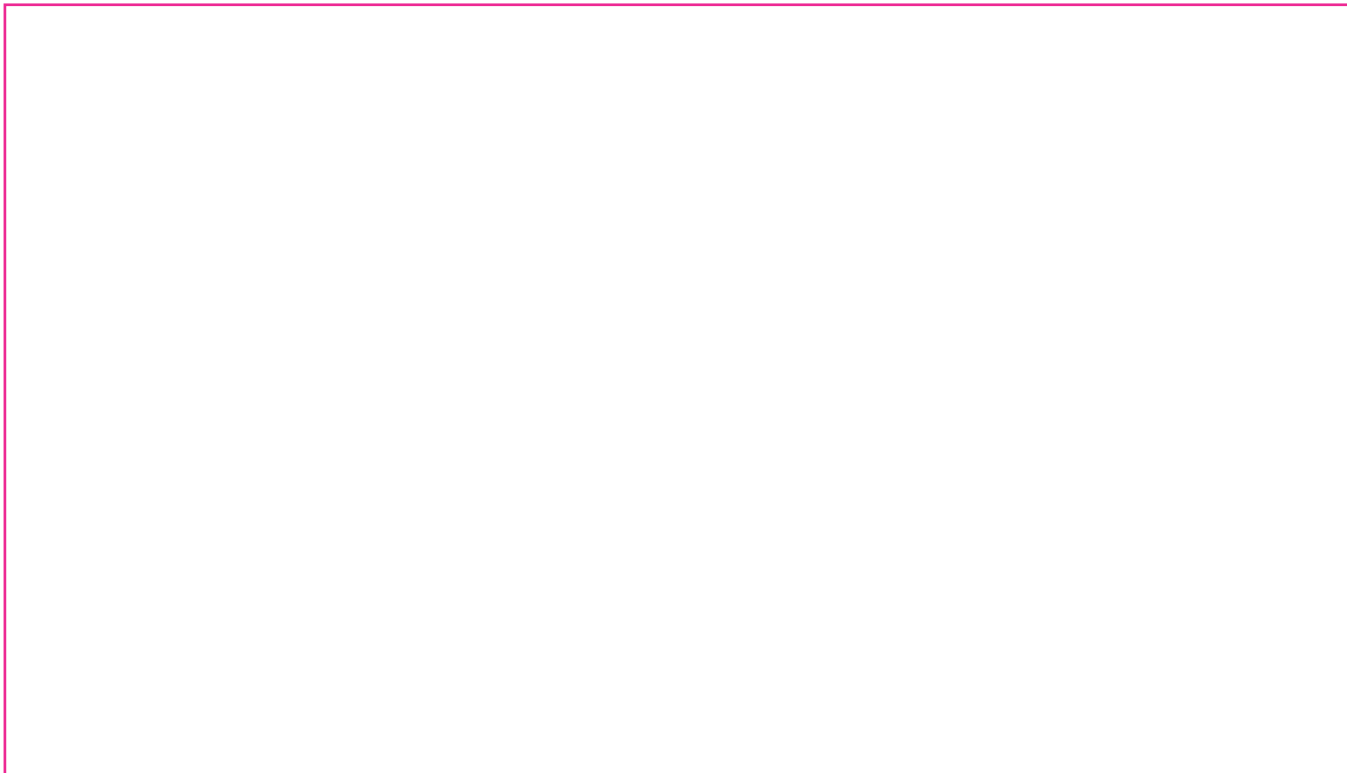
- 1** = Approved for TSF & IGU Seal Failure warranty coverage at no additional fee.
- 2** = NOT approved for TSF & IGU Seal Failure warranty coverage. Apply for coverage with fee.
- 3** = TSF & IGU Seal Failure warranty coverage is NOT available.

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 DUAL REFLECTIVE 30



Construction

Ply	3
Mil Thickness	1.5

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	21	23
Solar Energy Absorbed %	50	45
Solar Energy Reflected %	29	32
Visible Light Transmitted %	28	29
Visible Light Reflected % - Interior	22	25
Visible Light Reflected % - Exterior	33	34
Ultraviolet Rejected %	99	99
Shading Coefficient	.41	.42
Solar Heat Reduction %	59	58
Total Solar Energy Rejected %	65	64
Glare Reduction %	69	68
Emissivity	.68	.68
U-Value	1.00	1.03



Film-To-Glass Installation Ratings Estate Dual Reflective 30

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 DUAL REFLECTIVE 15



Construction

Ply	3
Mil Thickness	1.5

Performance Specifications	Glass Type 1/4"	1/8"
Solar Energy Transmitted %	12	13
Solar Energy Absorbed %	51	45
Solar Energy Reflected %	37	42
Visible Light Transmitted %	15	16
Visible Light Reflected % - Interior	21	21
Visible Light Reflected % - Exterior	42	45
Ultraviolet Rejected %	99	99
Shading Coefficient	.31	.30
Solar Heat Reduction %	69	70
Total Solar Energy Rejected %	73	74
Glare Reduction %	83	82
Emissivity	.77	.77
U-Value	1.05	1.08



Film-To-Glass Installation Ratings Estate Dual Reflective 15

Single Clear	1
Dual Clear	1
Single Tinted	1
Dual Tinted	3
Low-E	3

Film-To-Glass Installation Ratings

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