PerformX Slate - Sun-Gard Automotive Window Film

Single glazing using clear glass, thickness = 1/4"

Product Code	Summer Glass Temperature	Shading Coeff.	Total Solar Energy				Visible Light		UV Light	Eg*	"U" (S) Value	"U" (Wm) Value	"U" (Ws) Value
			Reject	Reflect	Absorb	Transmit	Reflect	Transmit					
1/4" clear glass	92.6 deg F	0.948	17.50%	7.10%	15.40%	77.50%	8.00%	88.10%	75%	0.84	1.03	1.03	1.09
Slate 05	117.5 deg F	0.410	64.30%	18.60%	65.10%	16.30%	7.70%	4.90%	< 1%	0.75	0.89	0.95	0.97
Slate 20	114.2 deg F	0.550	52.10%	11.10%	58.20%	30.70%	6.20%	21.10%	< 1%	0.76	0.90	0.96	0.98
Slate 35	108.9 deg F	0.670	41.70%	8.00%	48.00%	44.00%	6.60%	40.10%	< 1%	0.82	0.93	0.99	1.01
Slate 50	105.3 deg F	0.740	35.60%	7.60%	41.00%	51.40%	7.80%	54.40%	< 1%	0.86	0.95	1.02	1.03

Single glazing using clear glass, thickness = 1/8"

Product Code	Summer Glass Temperature	Shading Coeff.	Total Solar Energy				Visible Light		UV Light	Eg*	"U" (S) Value	"U" (Wm) Value	"U" (Ws) Value
			Reject	Reflect	Absorb	Transmit	Reflect	Transmit					
1/8" clear glass	89.4 deg F	1.000	13.00%	7.50%	8.80%	83.70%	8.10%	89.80%	75%	0.84	1.03	1.06	1.11
Slate 05	115.1 deg F	0.410	64.30%	21.60%	60.60%	17.80%	7.40%	5.00%	< 1%	0.76	0.92	0.98	1.00
Slate 20	111.9 deg F	0.570	50.40%	12.40%	54.00%	33.60%	5.90%	21.50%	< 1%	0.77	0.92	0.98	1.00
Slate 35	106.7 deg F	0.700	39.10%	8.90%	43.70%	47.40%	6.80%	40.70%	< 1%	0.83	0.96	1.02	1.03
Slate 50	103.0 deg F	0.760	33.90%	8.30%	36.50%	55.20%	7.90%	55.30%	< 1%	0.87	0.98	1.04	1.05

"U" (S)	"U" Value calculated under SUMMER DAY conditions.	Eg* is Emissivity for #2 surface
"U" (Wm)	"U" Value calculated under MILD WINTER conditions.	
"U" (Ws)	"U" Value calculated under SEVERE WINTER conditions.	Shading Coefficient calculated under SUMMER DAY conditions.

Summary of Seasonal Conditions:

	Summer Day	Mild Winter	Severe Winter
Temperature Inside	75 deg F	68 deg F	70 deg F
Temperature Outside	89 deg F	45 deg F	0 deg F
Solar Intensity	248.2 Btu/hr-ft2	0 Btu/hr-ft2	0 Btu/hr-ft2
Wind Velocity	7.5 MPH	15 MPH	15 MPH

Notes:

1. Performance results were generated from testing film applied to ¼" clear, monolithic, annealed glass. Results have been calculated using the Lawrence Berkeley Lab's "Windows 5.2" software program. Tests, equipment and methods are in accordance with ASTM and NFRC standards. Performance results are subject to variations within industry standards.

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