

3M™ Safety & Security Window Film



Safety S80 (SH8CLARL)

Technical Data

Product Benefits

- Increase protection from windstorms, blasts, and earthquakes.
- Deters smash and grab theft and forced entry burglaries.
- Reduce fading from UV light.
- Extend the life and vibrancy in the fabric of furniture and carpets.
- Reduces injury risk from flying glass.

Product Performance & Technical Data

Safety S80								
	Single Pane		Tinted		Double Pane		Double tinted	
Film	1/4" Clear	Safety S80	1/4" tint	Safety S80	Dual 1/4" Clear	Safety S80	Dual 1/4" tint	Safety S80
Solar Heat Gain Coefficient	0.82	0.79	0.63	0.59	0.70	0.68	0.51	0.46
Visible Light Transmitted	89%	86%	47%	47%	79%	77%	47%	43%
Visible Light Reflected Interior	9%	9%	9%	6%	15%	16%	13%	8%
Visible Light Reflected Exterior	8%	9%	13%	6%	15%	16%	8%	8%
U Value	1.03	1.03	1.03	1.03	0.47	0.47	0.47	0.47
UV Block	38%	99%	NA	99%	NA	99%	NA	99%
Total Solar Energy Rejected	19%	21%	37%	41%	30%	32%	49%	54%
Glare Reduction	NA	3%	NA	1%	NA	3%	NA	9%
Heat Loss Reduction	NA	0%	NA	0%	NA	0%	NA	0%
Solar Heat Reduction	NA	3%	NA	6%	NA	3%	NA	9%

Important:

The information provided in this report is believed to be reliable; however, due to the wide variety of intervening factors, 3M does not warrant that the results will necessarily be obtained. All details concerning product specifications and terms of sale are available from 3M.



Renewable Energy Division

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