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Interior Side

Benefits and selection criteria

- + Corrosion resistance optimal for use in coastal areas
- + Rejects up to 47% of solar energy, reducing heat build-up and energy costs
- + Blocks 99% of ultraviolet rays,* helping to protect furnishings by reducing premature fading
- + Neutral color and low reflectivity, with minimal change to exterior appearance
- + Improves view out over standard products, especially at night
- + Ideal for use where shiny window film is prohibited or where historic or retail buildings rely on a different aesthetic / curb appeal
- + Manufacturer's limited warranty†

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*Wavelengths 280-380nm. †Certain restrictions apply; see authorized dealer for warranty details. © 2016 Eastman Chemical Company. VISTA™, the VISTA® logo, LLumar® and the LLumar® logo are trademarks of Eastman Chemical Company or one of its wholly owned subsidiaries. As used herein, ® denotes registered trademark status in the U.S. only. Printed in U.S.A. (05/16) SP1049



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Exterior Side

Performance data

	% Total Solar Transmittance	% Total Solar Reflectance	% Total Solar Absorbance	% Visible Light Transmittance	% Visible Reflectance (exterior)	% Visible Reflectance (interior)	Winter U-value	Shading Coefficient	% UV Ray Protection (wavelengths 280-380nm)	Emissivity	Solar Heat Gain Coefficient	% Total Solar Energy Rejected	Light-to-Solar Heat Gain Ratio (LSG)	% Summer Solar Heat Gain Reduction	% Winter Heat Loss Reduction	% Glare Reduction
Clear Glass 1/8" (3mm) single pane	83	8	9	90	8	8	1.03	1.00	29	0.84	0.86	14	1.05	-	-	-
Ceramic 45 SR PS 1/8" (3mm) clear single pane	39	9	52	49	9	9	1.06	0.64	99	0.90	0.55	45	0.89	36	-2	46
Clear Glass 1/8" (3mm) dual pane	70	13	17	81	15	15	0.48	0.88	44	0.84	0.76	24	1.07	-	-	-
Ceramic 45 SR PS 1/8" (3mm) clear dual pane	32	14	52	44	15	11	0.49	0.72	99	0.90	0.62	38	0.71	18	-2	46
Clear Glass 1/4" (6mm) single pane	77	7	16	88	8	8	1.03	0.94	38	0.84	0.82	18	1.07	-	-	-
Ceramic 45 SR PS 1/4" (6mm) clear single pane	35	8	52	48	8	9	1.05	0.62	99	0.90	0.53	47	0.91	35	-2	45
Clear Glass 1/4" (6mm) dual pane	61	11	28	79	14	14	0.47	0.81	54	0.84	0.70	30	1.13	-	-	-
Ceramic 45 SR PS 1/4" (6mm) clear dual pane	28	12	52	42	15	10	0.48	0.68	99	0.90	0.59	41	0.71	16	-2	47

The solar performance data reported for Vista by LLumar architectural window films was captured using the National Fenestration Rating Council's (NFRC) standard guidelines for window film solar performance measurement. All safety and performance data has been measured in accordance with ASTM, ASHRAE, AIMCAL and ANSI standards using NFRC methodology with Lawrence Berkeley National Lab's WINDOW Fenestration Analysis Software. Reported values are taken from representative product samples and are subject to normal manufacturing variances. Actual performance will vary based on a number of factors, including glass type and properties.