

# FILM INSERT HERE

Interior Side

## Benefits and selection criteria

- + Rejects up to 55% of solar energy, reducing heat build-up and energy costs
- + Blocks >99% of ultraviolet rays\*, helping to protect furnishings by reducing premature fading
- + Spectrally-selective, lets in more light than heat
- + Optically-clear with advanced infrared ray rejecting technology
- + Manufacturer's limited warranty†

**EASTMAN**

LLumar.com

\*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) SP1028



# FILM INSERT HERE

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	-	-	-
VS60 SR CDF 1/8" (3mm) clear single pane	35	28	37	66	10	10	0.88	0.52	>99	0.55	0.45	55	1.47	48	15	27
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	-	-	-
VS60 SR CDF 1/8" (3mm) clear dual pane	31	27	42	61	16	14	0.44	0.58	>99	0.55	0.50	50	1.22	34	8	25
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	-	-	-
VS60 SR CDF 1/4" (6mm) clear single pane	34	24	42	66	10	10	0.87	0.52	>99	0.55	0.45	55	1.47	45	16	25
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	-	-	-
VS60 SR CDF 1/4" (6mm) clear dual pane	28	20	52	59	16	14	0.43	0.57	>99	0.55	0.50	50	1.18	29	9	25

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.