

# Architectural Window Films

## Upgrade your glass.



### Reflective Films

Description	VLT	TSER	VLR	UV	Warranty
R 15 B SR HPR	8%	76%	18%	<1%	5 Years
R 15 GO SR HPR	15%	78%	50%	<1%	5 Years
R 15 G SR HPR	7%	74%	13%	<1%	5 Years
R 15 BL SR HPR	12%	72%	18%	<1%	5 Years
R 20 SR CDF	15%	79%	60%	<1%	10 Years
R 20 SR HPR	15%	79%	60%	<1%	7 Years
R 30 B SR CDF	19%	63%	12%	<1%	5 Years
R 35 SR CDF	28%	68%	44%	<1%	10 Years
R 35 SR HPR	28%	68%	44%	<1%	7 Years
R 50 SR HPR	47%	54%	27%	<1%	7 Years
RN 07 GR SR HPR	9%	80%	52%	<1%	5 Years

### Spectrally Selective Films

Description	VLT	TSER	VLR	UV	Warranty
VS 60 SR CDF	58%	58%	8%	<0,1%	10 Years
VS 61 SR CDF	60%	49%	20%	<0,1 %	10 Years
VS 70 SR CDF	70%	55%	8%	<0,1 %	10 Years

### Exterior Reflective Films

Description	VLT	TSER	VLR	UV	Warranty
RHE 20 SI ER HPR	14%	83%	65%	<1%	10 Years
RHE 35 SI ER HPR	25%	74%	52%	<1%	10 Years
RHE 50 SI ER HPR	45%	58%	30%	<1%	10 Years

### Insulating Films

Description	VLT	TSER	VLR	UV	Warranty
VE 35 SR CDF	32%	71%	42%	<1%	5 Years
VE 50 SR CDF	49%	57%	27%	<1%	5 Years

### Neutral Films

Description	VLT	TSER	VLR	UV	Warranty
N 1020 B SR CDF	19%	77%	38%	<1%	7 Years
N 1035 B SR CDF	37%	62%	25%	<1%	7 Years
N 1050 B SR CDF	50%	51%	17%	<1%	7 Years
N1020 SR CDF	24%	63%	29%	<1%	10 Years
N1040 SR CDF	35%	52%	19%	<1%	10 Years
N1050 SR CDF	48%	44%	13%	<1%	10 Years
PP 70 AG SR HPR	70%	40%	15%	<1%	5 Years
AIR 75 SR HPR	73%	39%	9%	< 1 %	10 Years

### Exterior Neutral Films

Description	VLT	TSER	VLR	UV	Warranty
NHE 1020 ER HPR	25%	64%	24%	<1%	10 Years
NHE 1035 ER HPR	38%	55%	19%	<1%	10 Years
THE80 BL ER HPR	77%	45%	8%	<0,1 %	7 Years
VHE 14 ER HPR	9%	85%	61%	<1 %	10 Years

### UV Absorbing Films

Description	VLT	TSER	VLR	UV	Warranty
AU 85 UV SR HPR	84%	14%	8%	<0,1%	5 Years

### Safety & Security Films

Description	VLT	TSER	VLR	UV	Warranty
SCL SR PS 4	89%	16%	8%	<5%	10 Years
SCL SR PS 7	88%	16%	8%	<5%	10 Years
SCL SR PS 8	88%	18%	8%	<5%	10 Years
SCL SR PS 11	85%	19%	8%	<2%	10 Years
SCL SR PS 15	83%	20%	8%	<2%	10 Years
GCL SR RPS 6	88%	21%	10%	<1%	5 Years
SSI 20 SR PS 4	15%	79%	60%	<1%	7 Years
SSI 20 SR PS 8	15%	79%	60%	<1%	7 Years
NUV 65 SR PS 4	63%	31%	11%	<1%	7 Years
N 1040 SR PS 4	35%	52%	19%	<1%	7 Years
N 1050 SR PS 4	48%	44%	13%	<1%	7 Years
NRM PS 6	69%	28%	20%	<2%	7 Years

### Exterior Safety & Security Films

Description	VLT	TSER	VLR	UV	Warranty
SHE CL ER PS 7	87%	19%	9%	<1%	7 Years

**VLT<sup>1</sup> Visible Light Transmission:** That part of the solar energy that is transmitted directly through the window.

**TSER<sup>1</sup> Total Solar Energy Rejected:** The total of the solar energy reflection plus the re-radiation of the absorbed solar energy to the exterior.

**VLR<sup>1</sup> Visible Light Reflection:** The percentage of visible light reflected back from filmed glass.

**UV<sup>2</sup> UV Transmission:** That part of the solar energy with wavelengths that is directly transmitted through the window.

**EASTMAN**



<sup>1</sup> Data reported using NFRC (National Fenestration Council) guidelines and calculated for single pane 6 mm clear glass. 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. <sup>2</sup> Wavelengths 300-380nm. <sup>3</sup> Certain restrictions apply; see an authorized dealer for manufacturer's limited warranty details. Note: All statements, technical information and recommendations herein are based on tests Eastman believes are reliable. Eastman does not warrant or guarantee the accuracy or completeness of this information. © 2018 Eastman Chemical Company. LLumar® and the LLumar® logo are trademarks of Eastman Chemical Company or one of its wholly owned subsidiaries. The ® used herein denotes registered trademark status in the US; marks referenced herein may also be registered internationally. Visual renderings are for illustrative purposes only; actual appearance of windows treated with film may vary. All rights reserved. No liability is accepted for errors. Version 1.08.2018 SEE