

# Architectural Performance Specifications

## Estate Series Films

Type of Films	Ply	MT	SET	SEA	SER	VLT	VLA	VLRI	VLRE	UVR	SC	SHR	TSER	GR	E	UV
Dual Reflective Charcoal 05	2	2 Mil	7%	39%	54%	7%	28%	14%	65%	99%	0.20	80%	82%	93%	0.70	1.04
Dual Reflective Charcoal 15	2	2 Mil	13%	43%	44%	15%	38%	21%	47%	99%	0.29	71%	75%	84%	0.77	1.08
Dual Reflective Charcoal 25	2	2 Mil	19%	45%	36%	23%	37%	17%	40%	99%	0.36	64%	69%	74%	0.68	1.03
Dual Reflective Charcoal 35	2	2 Mil	29%	47%	24%	35%	40%	14%	25%	99%	0.48	52%	58%	61%	0.72	1.04
Dual Reflective Charcoal 45	2	2 Mil	36%	50%	14%	45%	40%	13%	15%	99%	0.57	43%	50%	51%	0.75	1.07

## Reflective Films

Type of Films	Ply	MT	SET	SEA	SER	VLT	VLA	VLRI	VLRE	UVR	SC	SHR	TSER	GR	E	UV
Silver Reflective 20	2	2 Mil	13%	34%	53%	18%	24%	59%	58%	99%	0.25	75%	78%	80%	0.64	1.01
Silver Reflective 35	2	2 Mil	28%	35%	37%	36%	26%	38%	38%	99%	0.43	57%	63%	60%	0.72	1.05
Silver Reflective 50	2	2 Mil	38%	36%	26%	49%	25%	27%	26%	99%	0.56	44%	52%	46%	0.78	1.07

Type of Films	Ply	MT	SET	SEA	SER	VLT	VLA	VLRI	VLRE	UVR	SC	SHR	TSER	GR	E	UV
Grey Reflective 05	2	2 Mil	7%	69%	24%	4%	89%	57%	7%	99%	0.31	69%	74%	95%	0.65	1.04
Grey Reflective 20	2	2 Mil	28%	59%	13%	22%	70%	22%	8%	99%	0.52	48%	55%	75%	0.77	1.12
Grey Reflective 35	2	2 Mil	37%	52%	11%	35%	57%	9%	8%	99%	0.61	39%	48%	62%	0.84	1.03

Type of Films	Ply	MT	SET	SEA	SER	VLT	VLA	VLRI	VLRE	UVR	SC	SHR	TSER	GR	E	UV
Bronze Reflective 30	2	2 Mil	32%	51%	17%	30%	57%	24%	13%	99%	0.53	47%	53%	67%	0.73	1.08
Bronze Reflective 40	2	2 Mil	44%	47%	9%	42%	48%	9%	10%	99%	0.66	34%	43%	53%	0.82	1.06

## Specialty Films

Type of Films	Ply	MT	SET	SEA	SER	VLT	VLA	VLRI	VLRE	UVR	SC	SHR	TSER	GR	E	UV
Silver Matte	2	2 Mil	15%	38%	47%	19%	27%	38%	54%	99%	0.29	71%	75%	79%	0.70	1.05
Bronze Matte	1	2 Mil	43%	46%	11%	35%	56%	9%	9%	99%	0.65	35%	44%	62%	0.86	1.14
Grey Matte	1	2 Mil	43%	46%	11%	35%	55%	9%	10%	99%	0.65	35%	44%	62%	0.86	1.14
White Matte	1	2 Mil	60%	22%	18%	66%	12%	22%	22%	99%	0.76	24%	34%	28%	0.85	1.09
Black Out	3	2.5Mil	0%	66%	34%	0%	95%	5%	5%	99%	0.21	79%	82%	100%	0.63	1.00
UV Clear	2	2 Mil	81%	13%	6%	89%	5%	6%	6%	99%	0.98	2%	15%	2%	0.86	1.15
Blue 35	1	1 Mil	54%	39%	7%	36%	58%	6%	6%	99%	0.75	25%	35%	60%	0.86	1.14
Yellow 80	1	1 Mil	72%	22%	6%	83%	10%	7%	7%	99%	0.90	10%	22%	8%	0.89	1.13
Red 20	1	1 Mil	59%	35%	6%	23%	73%	4%	4%	99%	0.80	20%	31%	74%	0.89	1.13

## Decorative Films

Type of Films	T	VLT	VLR	SET	SER	SEA	UVT	GR	SC	E	UF	TSER
ICE Dot	1.0 Mil	-	-	-	-	-	<1	-	-	-	-	-
ICE Cube	1.0 Mil	-	-	-	-	-	<1	-	-	-	-	-
ICE Line	1.0 Mil	-	-	-	-	-	<1	-	-	-	-	-
ICE Blinds	1.0 Mil	-	-	-	-	-	<1	-	-	-	-	-
Blue 35	1.0 Mil	36%	6%	54%	7%	39%	<1	60%	0.75	0.86	1.14	35%
Red 20	1.0 Mil	23%	4%	59%	6%	35%	<1	74%	0.80	0.89	1.13	31%
Yellow 80	1.0 Mil	83%	7%	72%	6%	22%	<1	8%	0.90	0.89	1.13	22%
Blue 20	1.0 Mil	23%	6%	49%	6%	45%	<1	74%	0.71	0.86	1.13	39%
UV Clear Film	2 Mil	89%	6%	81%	6%	13%	<1	2%	0.98	0.86	1.15	15%

**MT** : Mil Thickness    **SET** : Solar Energy Transmittance    **SEA** : Solar Energy Absorbance    **SER** : Solar Energy Reflectance  
**VLT** : Visible Light Transmittance    **VLA** : Visible Light Absorbance    **VLRI** : Visible Light Reflected Interior    **VLRE** : Visible Light Reflected Exterior  
**UVR** : Ultra Violet Rejected    **SC** : Shading Coefficient    **SHR** : Solar Heat Reduction    **TSER** : Total Solar Energy Rejection    **GR** : Glare Reduction  
**E** : Emissivity    **UV** : U-Value    **T** : Thickness    **VLR** : Visible Light Reflectance    **UVT** : Ultra Violet Transmittance

**UF** : U Factor (BTU /HR./SQ.FT.)