

ARCHITECTURAL PERFORMANCE SPECIFICATIONS

SPUTTER METALIZED															
	Color	SOLAR ENERGY			VISIBLE LIGHT				UVR	SC	IRR	TSER	GR	E	U-VALUE
		T	A	R	T	A	R-INT	R-EXT							
PRESTIGIOUS SILVER20%	Silver	13.3	33.7	53.0	17.1	28	61.7	57.4	99.9	0.24	88.1	78.8	76	0.82	1.03
PRESTIGIOUS SILVER 35%	Silver	31.2	55.6	13.2	39.2	29	36.3	13.7	99.9	0.5	73.4	55.9	61	0.80	1.03
ELEGANCE 20%	Grey	16.6	49.3	31.4	20.1	52	30.7	35.2	99.9	0.34	83	71.0	80	0.79	1.10
ELEGANCE 35%	Grey	32.5	52.0	18.2	40.1	35	16.2	20.2	99.9	0.51	62.9	56.1	66	0.79	1.14
SOLAR BRONZE 20%	Bronze	7.6	37.4	54.9	22.1	50	51.7	45.9	99.9	0.18	92.8	83.5	77	0.73	1.01
SOLAR BRONZE 35%	Bronze	27.2	39.9	32.9	32.8	46	26.5	22.4	99.9	0.41	84.1	63.5	67	0.82	1.04

SILVER REFLECTIVE													
	SOLAR ENERGY			VISIBLE LIGHT			UVR	SC	IRR	TSER	GR	E	U-VALUE
	T	A	R	T	A	R							
SILVER 05%	4.2	26.9	62.1	5.5	21	58.3	99.9	0.18	95.2	85	86	0.62	1.01
SILVER 20%	17.2	27.7	55.9	25.9	26	54.6	99.9	0.20	80.6	81	84	0.64	1.02
SILVER 35%	24.1	29.7	48.2	44.4	35	46.1	99.9	0.31	66	55	59	0.69	1.03
SILVER 50%	45.2	31.3	23.5	65	40	21.3	99.9	0.57	48.5	51	44	0.72	1.03
SILVER 60%	54.5	33.9	15.8	70.1	41	14.9	99.9	0.60	36.6	49	41	0.75	1.05

SECURITY													
	SOLAR ENERGY			VISIBLE LIGHT		UVR	Tensile Strength	Break Strength (lbs/inch)	Elongation at Break (%)	TSER	Peel Strength	Puncture Strength	U-VALUE
	T	A	R	T	R								
SAFETY 2MIL CLEAR	75	17	8	89.2	10	99	34100	68	> 100	19	2750	99	1.05
SAFETY 4MIL CLEAR	74	18	8	89.1	10	99	34900	136	> 100	20	2750	93	1.05
SAFETY 7MIL CLEAR	71	19	10	89.3	10	99	32260	216	> 100	20	2750	149	1.05
SAFETY 8MIL CLEAR	77	15	8	87.7	10	99	32500	269	> 100	19	2750	173	1.05
SAFETY 12MIL CLEAR	70	20	10	88.9	10	99	32700	370	> 100	22	2750	243	1.05
DYED SAFETY 4MIL BLACK 05%	48	50	8	2.9	7	99	33600	134	> 100	45	2750	103	1.09
DYED SAFETY 4MIL BLACK 20%	46	47	7	18.5	6	99	33600	134	> 100	40	2750	103	1.09
DYED SAFETY 4MIL BLACK 35%	52	41	7	31.3	6	99	33600	134	> 100	37	2750	103	1.09
DYED SAFETY 4MIL BLACK 50%	53	40	7	51.2	5	99	33600	134	> 100	36	2750	103	1.09

ANTI-GRAFFITI (EXTERIOR)														
	SOLAR ENERGY			VISIBLE LIGHT		UVR	Thickness	UVR	SC	SHGC	TSER	GR	E	U-VALUE
	T	A	R	T	R									
ANTI-GRAFFITI 4MIL	83	9	9	89.3	10	99	0.004	99	0.97	0.84	16	1	0.87	1.08

DECORATIVE													
	SOLAR ENERGY			VISIBLE LIGHT			UVR	SC	SHGC	TSER	GR	E	U-VALUE
	T	A	R	T	R-INT	R-EXT							
BLACKOUT	0.3	51.8	47.9	0	4.9	13	99	0.18	0.15	85	100	0.63	1.14
WHITEOUT	1.3	25.6	73.1	3.1	71	72	99	0.25	0.21	27	83	0.85	1.12
INT 100 SERIES	1.3	25.6	73.1	17	71	72	99	0.25	0.21	27	83	0.85	1.12
WHITE FROST	58	11	20	38	25	22	99	0.84	0.73	27	32	0.85	1.09
SILVER MATTE	19	75.6	5.3	10.3	64	5.7	5.3	0.29	0.5	84.2	55	84.1	0.88
SILVER GREY#P (ADHESIVE ON GREY)	19	76.1	4.9	10	63	7	4.9	0.25	0.52	86.5	55	79.7	0.87
SILVER GREY#P (ADHESIVE ON SILVER)	28.5	65.9	5.6	10	57	7.6	6.2	0.25	0.59	84.8	49	58.7	0.86
SILVER BRONZE#P (ADHESIVE ON BRONZE)	33.5	60.4	6.1	9.1	47	8.1	7.4	0.25	0.63	85.5	47	44.1	0.86
SILVER BLUE#P (ADHESIVE ON BLUE)	9.4	56.32	34.28	14.9	48	37	99	0.25	0.21	79	80	0.6	0.91

PARAMETERS	
SOLAR ENERGY T	TRANSMITTANCE
SOLAR ENERGY A	ABSORBTANCE
SOLAR ENERGY R	REFLECTANCE
VISIBLE LIGHT T	TRANSMITTANCE
VISIBLE LIGHT A	ABSORBTANCE
VISIBLE LIGHT R	REFLECTANCE (INTERIOR/EXTERIOR)
UVR	ULTRA VIOLET REJECTED
SC	SHADING COEFFICIENT
SHGC	SOLAR HEAT GAIN COEFFICIENT
TSER	TOTAL SOLAR ENERGY REJECTED
GR	GLARE REDUCTION
E	EMISSIVITY
U-VALUE	WINTER MEDIAN U VALUE
IRR	INFRA RED REJECTED