

Madico Film Usage Recommendations

Product	Description	Visible Light Transmitted	Solar Energy Reflectance	Solar Energy Absorbance	Configuration	Single Pane																Laminated - Clear or Tinted	Product
						Clear Annealed		Single Pane		Tinted Annealed		Dual Pane		Outboard Tinted		Inboard Tinted		Inboard/Outboard					
						1/8" - 1/4" Mono 1-40 sq ft	1/8" - 1/4" Mono 40-100sq ft	HS Tempered 1/8" - 3/8" Mono 1-100 sq ft	1/8" - 1/4" Mono 1-40 sq ft	1/8" - 1/4" Mono 40-100sq ft	1/8"-1/4" IG 1-30 sq ft	1/8"-1/4" IG 30-40 sq ft	Inboard clear annealed 1/8"-1/4" IG 1-30 sq ft	1/8"-1/4" IG 30-40 sq ft	Outboard clear annealed 1/8"-1/4" IG 1-30 sq ft	1/8"-1/4" IG 30-40 sq ft	Tinted Tempered 1/8"-1/4" IG 1-30 sq ft	1/8"-1/4" IG 30-40 sq ft	Any Size				
<b>Reflective Silver</b>																		<b>Reflective Silver</b>					
SRS 220	Silver	15%	48%	41%		✓	✓	✓	○	✗	○	○	✗	✗	✗	✗	✓	✓	✗	SRS 220			
SRS 220 (BF)*	Silver	15%	48%	41%		✓	✓	✓	○	✗	○	○	✗	✗	✗	✗	✓	✓	✗	SRS 220 (BF)*			
SRS 330	Silver	25%	46%	38%		✓	✓	✓	○	○	○	○	○	○	○	○	✓	✓	✗	SRS 330			
RS 440	Silver	36%	40%	36%		✓	✓	✓	○	○	○	○	○	○	○	○	✓	✓	✗	RS 440			
<b>Bronze</b>																		<b>Bronze</b>					
SB 221	Bronze	20%	42%	43%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SB 221			
SB 341	Bronze	40%	35%	40%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SB 341			
<b>Gray</b>																		<b>Gray</b>					
SG 220	Gray	24%	26%	53%		✓	✓	✓	✓	✓	○	○	○	○	✗	○	✓	✓	✗	SG 220			
SG 330	Gray	32%	21%	50%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SG 330			
SG 550	Gray	50%	11%	43%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SG 550			
<b>Neutral</b>																		<b>Neutral</b>					
TSG 335	Neutral	40%	22%	40%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	TSG 335			
TSG 550	Neutral	45%	17%	40%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	TSG 550			
<b>Neutral Gray</b>																		<b>Neutral Gray</b>					
NG-20	Neutral Gray	13%	33%	51%		✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	○	✓	✓	✗	NG-20			
NG-35	Neutral Gray	36%	28%	46%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	NG-35			
NG-70	Neutral Gray	64%	12%	29%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	NG-70			
<b>Exterior - Standard</b>																		<b>Exterior - Standard</b>					
SDSS 220 X	Exterior Silver	15%	60%	28%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✓	SDSS 220 X			
SDSS 220 XK	Exterior - Duralux®	15%	60%	28%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✓	SDSS 220 XK			
<b>Designer Gray</b>																		<b>Designer Gray</b>					
DG-35	Designer Gray	38%	23%	44%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	DG-35			
DG-45	Designer Gray	42%	15%	45%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	DG-45			
DG-55	Designer Gray	51%	14%	39%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	DG-55			
<b>Starlite</b>																		<b>Starlite</b>					
SL-180	Starlite	8%	53%	41%		✓	✓	✓	✓	✓	○	○	✗	✗	✗	✗	✓	✓	✗	SL-180			
SL-280	Starlite	28%	35%	42%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SL-280			
SL-380	Starlite	37%	22%	46%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SL-380			
<b>Soft Bronze</b>																		<b>Soft Bronze</b>					
SB-25	Soft Bronze	25%	45%	43%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SB-25			
SB-35	Soft Bronze	35%	29%	41%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	SB-35			
<b>Advanced Ceramic</b>																		<b>Advanced Ceramic</b>					
MAC 3000	Ceramic	33%	20%	56%		✓	✓	✓	✗	✗	○	○	○	○	✗	○	✓	✓	✗	MAC 3000			
MAC 4000	Ceramic	43%	17%	49%		✓	✓	✓	○	✗	○	○	○	○	○	○	✓	✓	✗	MAC 4000			
MAC 6000	Ceramic	61%	11%	36%		✓	✓	✓	○	○	○	○	○	○	○	○	✓	✓	✗	MAC 6000			
<b>Safety</b>																		<b>Safety</b>					
DG-35 4Mli	Designer Gray	38%	23%	44%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	DG-35 4Mli			
DG-45 4Mli	Designer Gray	42%	15%	45%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	DG-45 4Mli			
DG-35 8Mli	Designer Gray	38%	23%	44%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	DG-35 8Mli			
DG-45 8Mli	Designer Gray	42%	15%	45%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✗	DG-45 8Mli			
<b>SafetyShield</b>																		<b>SafetyShield</b>					
SafetyShield 800	2 ply 8 mil Safety	84%	10%	12%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
SafetyShield 1500	3 ply 15 mil Safety	80%	10%	17%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
<b>Graffiti Free</b>																		<b>Graffiti Free</b>					
LCL-600-XSRG	6 mil Graffiti	83%	10%	11%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
LCL-600-BFXSR*	6 mil for Polycarbonate	83%	10%	11%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
<b>Clear Safety Films</b>																		<b>Clear Safety Films</b>					
CLS-200-XSR (UV+)	2 mil UV blocking	78%	8%	18%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
CL-200-XSR	2 mil clear	78%	10%	12%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
CL-200-BFX*	2 mil for Polycarbonate	78%	10%	12%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
CL-400-XSR	4 mil Safety	84%	10%	11%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
CL-700-XSR	7 mil Safety	84%	10%	14%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
CL-700-BFXSR*	7 mil for Polycarbonate	84%	10%	14%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
LCL-800-XSR	2 ply 8 mil Safety	84%	10%	12%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
LCL-1400-XSR	2 ply 14 mil Safety	82%	10%	16%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
<b>4 Mil Solar</b>																		<b>4 Mil Solar</b>					
4Mli SRS-220	Silver Safety	15%	48%	41%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗			
4 Mli RS-440	Silver Safety	36%	36%	40%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗			
4 Mli NG-50	Grey Safety	43%	14%	46%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗			
<b>8 Mil Solar</b>																		<b>8 Mil Solar</b>					
8 Mli SRS-220	Silver Safety	15%	48%	41%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗			
8 Mli RS-440	Silver Safety	36%	36%	40%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗			
<b>Matte Opaque</b>																		<b>Matte Opaque</b>					
RMS 220	Silver Matte	15%	46%	42%		○	○	✓	○	○	○	○	○	○	○	○	✓	✓	✓	✗			
MT 200-W	White Matte	66%	12%	25%		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗			
MT 200-B	Bronze Matte	25%	11%	48%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✓	✗			
MT 200-G	Gray Matte	21%	9%	55%		✓	✓	✓	✓	✓	○	○	○	○	○	○	✓	✓	✓	✗			
<b>Blackout</b>																		<b>Blackout</b>					
Blackout-X	Blackout	0%	7%	92%		✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✗			
<b>DecoLite®</b>																		<b>DecoLite®</b>					
HQ-807	Angles	98%				○	○	✓	○	○	○	○	○	○	○	○	✓	✓	✓	✗			
HQ-810	Rice Paper	98%				○	○	✓	○	○	○	○	○	○	○	○	✓	✓	✓	✗			
HQ-811	Squares	98%				○	○	✓	○	○	○	○	○	○	○	○	✓	✓	✓	✗			
HQ-816	Frost	98%				○	○	✓	○	○	○	○	○	○	○	○	✓	✓	✓	✗			

Thermosafe Approved

✓ Recommended

○ Caution Recommended, Check with Madico Tech Service

✗ Do not use under any circumstances