



# M-Screen

**Solar Heat Control Properties**

**Fabrics Installed Internally, Zero-Degree Profile Angle**

<b>M Screen</b> Average Openness 3%	<b>Solar Optical Properties*</b>				<b>Internal Shading Coefficient w/</b>			
	TS	RS	AS	TV	<b>Single</b>		<b>Insulating</b>	
					1/4CL	1/4HA	1CL	1HA
White/White	17	63	20	12	0.36	0.33		
White/Pearl	14	49	37	10	0.44	0.37		
White/Sable	19	48	33	11	0.46	0.38		
White/Linen	14	59	27	9	0.38	0.34		
White/Stone	19	56	25	13	0.41	0.36		
Pearl/Pearl	11	34	55	7	0.53	0.42		
Pearl/Sable	15	34	51	10	0.54	0.43		
Pearl/Linen	10	43	47	7	0.47	0.39		
Linen/Linen	11	55	34	7	0.39	0.35		
Charcoal/Grey	4	9	87	5	0.66	0.49		
Charcoal/Bronze	3	6	91	4	0.68	0.50		
Charcoal/Sable	4	12	84	4	0.65	0.48		
Charcoal/Charcoal	3	4	93	4	0.69	0.51		
Charcoal/Apricot	5	14	81	4	0.64	0.48		

<b>M Screen</b> Average Openness 5%	<b>Solar Optical Properties*</b>				<b>Internal Shading Coefficient w/</b>			
	TS	RS	AS	TV	<b>Single</b>		<b>Insulating</b>	
					1/4CL	1/4HA	1CL	1HA
White/White	20	63	17	15	0.36	0.33		
White/Pearl	16	49	35	12	0.44	0.38		
White/Sable	20	48	32	12	0.46	0.39		
White/Linen	21	56	23	15	0.41	0.36		
White/Stone	22	56	22	15	0.41	0.36		
Pearl/Pearl	15	35	50	11	0.53	0.42		
Pearl/Sable	18	33	49	11	0.55	0.43		
Pearl/Linen	19	40	41	13	0.51	0.41		
Linen/Linen	18	51	31	12	0.44	0.37		
Charcoal/Grey	6	10	84	7	0.66	0.49		
Charcoal/Bronze	6	7	87	7	0.68	0.5		
Charcoal/Sable	7	12	81	7	0.65	0.49		
Charcoal/Charcoal	6	5	89	7	0.69	0.51		
Charcoal/Apricot	7	13	80	7	0.65	0.48		

\* Performance evaluations conducted by Matrix, Inc., Mesa Arizona

TS = Solar Transmittance

1/4 CL = 1/4" Clear Glass

RS = Solar Reflectance

1/4 HA = 1/4" Heat Absorbing Glass

AS = Solar Absorptance

1CL = 1" Clear Glass

TV = Visual Transmittance

1HA = 1" Heat Absorbing Glass