

MONACO Solar Screen Fabric

Specifications

Product Type: Interior
 Composition: 49% Polyester, 51% Vinyl on Polyester
 Roll Width: 98"
 Roll Length: 30 yards
 Thickness: .040 in
 Mesh Weight: 17.22 oz/yd²
 Openness Factor: Approximately 1%
 UV Blockage: Approximately 99%
 Acoustical Value: NRC 0.15/Saa 0.16
 Acoustical Performance: NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a.

Environmental Certifications: Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage. Approved by Melanoma International Foundation. RoHS/Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A 100.1-2007 for lead content. REACH (EC 1907/2006) compliant.

Bacterial/Fungal Resistance: ASTM E 2180, ASTM G21; includes Microban antimicrobial additives.

Fire Classification: California Technical Bulletin 117 Sect. E. Part 1, ASTM E 84, NFPA 101 (Class A Rating) and IBC Section 903.1 (Class A Rating)

Color	TS	RS	AS	TV	Shading Coefficient/ w single			Shading Coefficient/ w insulating		
					1/8CL	1/8CL	1/4CL	1/2CL	1/2CL	1HA
Parchment	13	70	17	10	0.29	0.30	0.30	0.28	0.29	0.24
Flax	30	56	14	27	0.44	0.43	0.37	0.41	0.39	0.30
Latte	24	50	26	21	0.47	0.46	0.38	0.44	0.42	0.31

TS= Solar Transmittance
 RS= Solar Reflectance
 AS= Solar Absorption
 TV= Visual Transmittance

1/4CL= 1/4" Clear Glass
 1CL= 1" Insulating Clear Glass
 1/4HA= 1/4" Heat Absorbing Glass
 1HA= 1" Insulating Heat Absorbing Glass

The solar optical properties are used to calculate the shading coefficient. The shading coefficient represents the percentage of solar heat gain that is transmitted to the interior through the glass and shading system combined. Darker colors provide maximum glare reduction and visibility.

