



Nysan Fabric Specifications GreenScreen® Fabrics

- 2.3 Fabric Schedule
- 2.3.1 Fabric: "Nysan GreenScreen Balance, Balance/Metallic, Spectra, Spectra Metallic, Vista, Vista Metallic and ECO"
- 2.3.1.1 Fabric weight 8 oz/yd²
- 2.3.1.2 Fabric Thickness 19 mil
- 2.3.1.3 Break Strength warp 240daN/5cm
weft 200daN/5cm
- 2.3.1.4 Flame Res.: 0.0 sec after flame
- 2.3.1.5 Fuel contributed value: 0
- 2.3.1.6 Average Openness: ±3% (ECO), ± 6% (Balance), ±10% (Spectra),
± 25% (Vista),
- 2.3.1.7 Colorfastness to light: 7/8
- 2.3.1.8 Color: Standard Colors
- 2.3.1.9 Composition: Fabric made with 100% Polyester yarn.
Completely PVC Free
- 2.3.2 Fabric:
- 2.3.2.1 Flame resistant in accordance with California Flame Test, Title 19 Public Safety, Section 1237.1 small scale test.
- 2.3.2.2 Tested in accordance with ASHRAE Standard 74073, "Methods of Measuring Solar-Optical Properties of Materials" and flame spread to NFPA 701-1999 TM#1, Standard Methods of Fire Tests for Flame Resistant Textiles and Films 1999 edition - test method #1 (Small Scale) Toxicity: UPITT Fungal resistance: ASTM G21 Bacterial Resistance, ASTM G22
- 2.3.3 Fabric to be chosen from standard range of colors.

End Of Section

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Fenestration Properties for Nysan GreenScreen® Eco Balance, Average 6% Openness Factor

<u>DESCRIPTION</u>	SHADING COEFFICIENTS							
	<u>Ts</u>	<u>Rs</u>	<u>As</u>	<u>Tv</u>	<u>O-F</u>	<u>1/8" CL</u>	<u>1/4" CL</u>	<u>1/4" H.A.</u>
White	45	47	8	34	7	0.54	0.52	0.42
Grey	41	44	15	29	9	0.55	0.53	0.43
Anthracite	24	31	45	9	6	0.60	0.58	0.45
Light Grey / Metallic	12	36	52	11	6	0.54	0.52	0.42
Grey / Metallic	11	37	52	11	6	0.53	0.51	0.41
Anthracite / Metallic	8	35	57	7	6	0.53	0.51	0.41

Fenestration Properties for Nysan GreenScreen® NRG, Average 3% Openness Factor

<u>DESCRIPTION</u>	SHADING COEFFICIENTS							
	<u>Ts</u>	<u>Rs</u>	<u>As</u>	<u>Tv</u>	<u>O-F</u>	<u>1/8" CL</u>	<u>1/4" CL</u>	<u>1/4" H.A.</u>
Pearl	11	51	38	12	3	0.43	0.42	0.36
Pearl Linen	11	52	37	11	4	0.42	0.41	0.36
Silver	4	52	44	5	2	0.40	0.40	0.35
Gold	9	50	41	9	2	0.43	0.42	0.36
Brown	8	53	39	7	2	0.41	0.40	0.35

Fenestration Properties for Nysan GreenScreen® Spectra, Average 10% Openness Factor

<u>DESCRIPTION</u>	SHADING COEFFICIENTS							
	<u>Ts</u>	<u>Rs</u>	<u>As</u>	<u>Tv</u>	<u>O-F</u>	<u>1/8" CL</u>	<u>1/4" CL</u>	<u>1/4" H.A.</u>
Anthracite	30	28	42	11	10	0.64	0.61	0.47
Cream	44	42	14	11	10	0.57	0.55	0.44
Grey	43	42	15	9	10	0.57	0.55	0.44
White	53	40	7	13	10	0.61	0.59	0.46

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***Fenestration Properties for Nysan GreenScreen® Vista, Average 25%
Openness Factor***

<u>DESCRIPTION</u>	<u>Ts</u>	<u>Rs</u>	<u>As</u>	<u>Tv</u>	<u>O-F</u>	SHADING COEFFICIENTS		
						<u>1/8" CL</u>	<u>1/4" CL</u>	<u>1/4" H.A.</u>
Anthracite	36	28	36	23	25	0.65	0.62	0.47
Beige	26	31	43	24	25	0.61	0.58	0.45
Grey	50	40	10	23	25	0.60	0.58	0.45
White	48	39	13	24	25	0.61	0.58	0.45
Grey Metallic	31	32	37	26	25	0.61	0.59	0.45
Light Grey Metallic	30	31	39	25	25	0.62	0.59	0.46
Anthracite Metallic	59	35	6	29	25	0.66	0.63	0.48

