

ECO ESSENTIALS SCREEN

ECO ESSENTIALS SCREEN FR 1% - 3% - 5% - 10%

 **SHADES BY MATISS**



CHALK



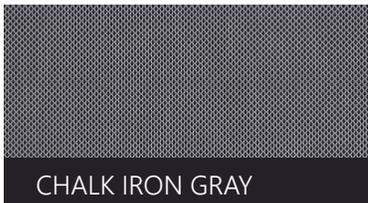
CHALK BEIGE CREAM



CHALK SOFT GRAY



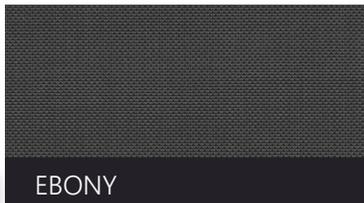
BEIGE PEARL GRAY



CHALK IRON GRAY



CHARCOAL DARK BRONZE



EBONY



SOFT GRAY



30001 - 1% OPENNESS



3003 - 3% OPENNESS



3005 - 5% OPENNESS



3010 - 10% OPENNESS



MASSACHUSETTS
H4900 COMPLIANT

This collection features ten versatile colors in a consistent basket-weave construction, offering a cohesive look across a range of openness factors. Available in 1%, 3%, 5%, and 10% openness, it provides flexible light control options while maintaining a refined, uniform aesthetic for interior applications.

ECO ESSENTIALS SCREEN FR

MA COMPLIANT SOLAR SCREEN ROLLER SHADE CLOTH

SPECIFICATIONS

Property	SCR-3001	SCR-3003	SCR-3005	SCR-3010
Openness factor	1%	3%	5%	10%
Base material	70% PVC / 30% PES			
Weave	Basketweave 2x2	Basketweave 2x2	Basketweave 2x2	Basketweave 2x2
Cleaning	Damp cloth	Damp cloth	Damp cloth	Damp cloth
Shrinkage	≤ 1%	≤ 1%	≤ 1%	≤ 1%
Antimicrobial	ASTM G21 / ASTM G22 / BS ISO EN846	ASTM G21 / ASTM G22 / BS ISO EN846	ASTM G21 / ASTM G22 / BS ISO EN846	ASTM G21 / ASTM G22 / BS ISO EN846
Oeko-Tex	11-34219 / Class II			
Light fastness	ISO 105-B02 Grade 8			
Suitable for moist conditions	Yes	Yes	Yes	Yes
Flame Retardant	DIN 4102 B1 / NFPA 701 / UNE-EN 13773:2003 Class 1	DIN 4102 B1 / NFPA 701 / UNE-EN 13773:2003 Class 1	DIN 4102 B1 / NFPA 701 / UNE-EN 13773:2003 Class 1	DIN 4102 B1 / NFPA 701 / UNE-EN 13773:2003 Class 1
Width (in)	98–118	98–118	98–118	98–118
Width (cm)	250–300	250–300	250–300	250–300
Roll length (yd)	30	30	30	30
Roll length (m)	27	27	27	27
Weight (g/m ²)	510	445	430	380
Thickness (mm)	0.76	0.67	0.64	0.60

Fabrication Methods

Ultrasonic / Cold cut possible
Welding / Thermal or HF welding
Railroading Not Recommended

Applications Roller Shades, Panel Blinds

Warranty 5 years

Care & Cleaning

Remove dust with vacuum cleaner or compressed air. Do not scrub. Do not use solvents or any abrasive substance which might damage the coating of the fabric. Clean with a sponge or a soft brush dipped in soapy water using mild detergent. Rinse with clean water. Leave the shade down until completely dry.



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Color	Openness Factor	Tv (%)	Rs (%)	Ts (%)	As (%)	Gtot / SHGC	Improvement (%)	UV Blockage (%)	BREEAM Glare Class
01 Chalk	1%	9	72	13	15	0.24	23.6	100	1
02 Chalk Beige	1%	7	67	11	22	0.25	22.2	100	2
03 Chalk Soft Grey	1%	5	55	8	37	0.26	18.9	100	2
05 Charcoal Iron Grey	1%	1	10	1	89	0.3	6.4	100	3
06 Ebony	1%	1	4	1	95	0.31	4.7	100	4
08 Soft Grey	1%	1	33	3	64	0.28	12.8	100	3
10 Charcoal Dark Bronze	1%	1	6	1	93	0.3	5.2	100	4
11 Beige Pearl Grey	1%	5	46	9	45	0.27	16.3	100	2

Color	Openness Factor	Tv (%)	Rs (%)	Ts (%)	As (%)	Gtot / SHGC	Improvement (%)	UV Blockage (%)	BREEAM Glare Class
01 Chalk	3%	12	70	16	14	0.25	22.9	97	1
02 Chalk Beige	3%	8	63	12	25	0.25	21	98	2
03 Chalk Soft Grey	3%	7	51	10	39	0.26	17.7	97	2
05 Charcoal Iron Grey	3%	3	12	3	85	0.3	6.9	98	3
06 Ebony	3%	3	5	3	92	0.3	6.9	98	3
08 Soft Grey	3%	3	33	5	62	0.28	12.8	97	3
10 Charcoal Dark Bronze	3%	3	7	3	90	0.3	5.5	98	3
11 Beige Pearl Grey	3%	8	43	11	46	0.27	15.4	97	2

Color	Openness Factor	Tv (%)	Rs (%)	Ts (%)	As (%)	Gtot / SHGC	Improvement (%)	UV Blockage (%)	BREEAM Glare Class
01 Chalk	5%	13	68	17	15	0.25	22.3	95	1
02 Chalk Beige	5%	19	57	22	21	0.26	19	94	1
03 Chalk Soft Grey	5%	9	49	12	39	0.27	17.1	94	2
05 Charcoal Iron Grey	5%	6	14	6	80	0.3	7.3	94	3
06 Ebony	5%	5	4	5	91	0.31	4.5	95	3
08 Soft Grey	5%	7	33	9	58	0.28	12.6	94	3
10 Charcoal Dark Bronze	5%	5	7	5	88	0.3	5.4	97	3
11 Beige Pearl Grey	5%	10	41	13	46	0.27	14.7	94	2

Color	Openness Factor	Tv (%)	Rs (%)	Ts (%)	As (%)	Gtot / SHGC	Improvement (%)	UV Blockage (%)	BREEAM Glare Class
01 Chalk	10%	27	57	30	13	0.26	18.7	89	0
02 Chalk Beige	10%	20	57	23	20	0.26	18.9	88	0
03 Chalk Soft Grey	10%	14	46	17	37	0.27	16	88	1
05 Charcoal Iron Grey	10%	12	14	12	74	0.3	7.1	89	0
06 Ebony	10%	11	4	11	85	0.31	4.3	89	1
08 Soft Grey	10%	12	30	15	55	0.28	11.5	89	1
10 Charcoal Dark Bronze	10%	10	7	10	83	0.3	5.2	90	0
11 Beige Pearl Grey	10%	16	37	19	44	0.28	13.4	89	1