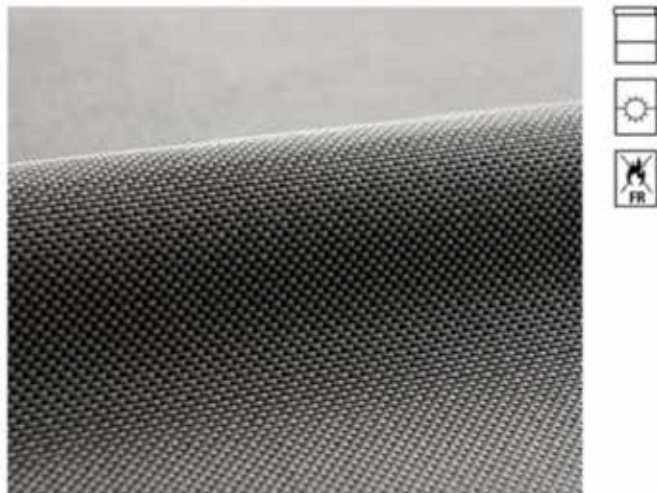


ECO ESSENTIALS

1% - 3% - 5%- 10%



Technical specifications:	SCR-3001	SCR-3003	SCR-3005	SCR-3010
Openness factor	1 %	3 %	5 %	10 %
Base material	70 % PVC 30 % PES	70 % PVC 30 % PES	70 % PVC 30 % PES	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
Deko-Tex	11-34219 / Class II	11-34219 / Class II	11-34219 / Class II	11-34219 / Class II
Light fastness	ISO 105-B02 grade 8	ISO 105-B02 grade 8	ISO 105-B02 grade 8	ISO 105-B02 grade 8
Suitable for moist conditions	yes	yes	yes	yes
Flame Retardant	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1	DIN 4102, Class B1 NFPA 701 UNE-EN 13773:2003, Class 1

Production specifications:	SCR-3001	SCR-3003	SCR-3005	SCR-3010
Width	98 in - 118 in 250 cm - 300 cm	98 in - 118 in 250 cm - 300 cm	98 in - 118 in 250 cm - 300 cm	98 in - 118 in 250 cm - 300 cm
Roll length	30 yd 27 m	30 yd 27 m	30 yd 27 m	30 yd 27 m
Weight	510 g/m²	445 g/m²	430 g/m²	380 g/m²
Thickness	0.76 mm	0.67 mm	0.64 mm	0.60 mm
Cutting	ultrasonic / cold cut possible	ultrasonic / cold cut possible	ultrasonic / cold cut possible	ultrasonic / cold cut possible
Welding	thermal or HF-welding	thermal or HF-welding	thermal or HF-welding	thermal or HF-welding

These are approximate values. Individual results may vary slightly.



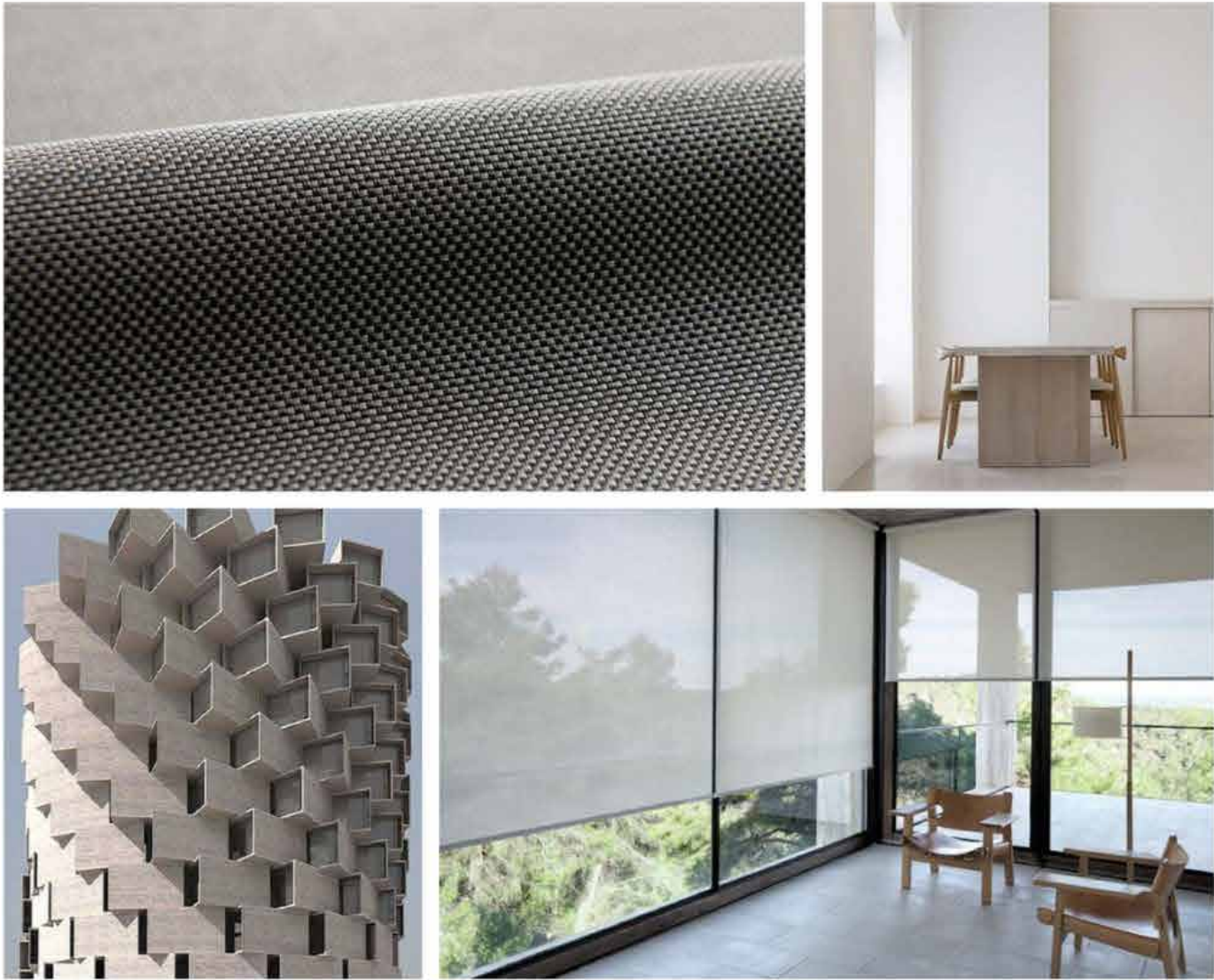
SCR-3001	Optical Properties		Thermal Properties			Calculations based on reference glazing D				
	Openness factor	Tv	Rs	Ts	As	Gtot/ SHGC	Impro- vement %	UV Blockage	BREEAM Glare Class	
01 - Chalk	1 %	9 %	72 %	13 %	15 %	0,24	23,6 %	100 %	1	
02 - Chalk Beige	1 %	7 %	67 %	11 %	22 %	0,25	22,2 %	100 %	2	
03 - Chalk Soft Grey	1 %	5 %	55 %	8 %	37 %	0,26	18,9 %	100 %	2	
05 - Charcoal Iron Grey	1 %	1 %	10 %	1 %	89 %	0,30	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 %	0,30	5,2 %	100 %	4	
11 - Beige Pearl Grey	1 %	5 %	46 %	9 %	45 %	0,27	16,3 %	100 %	2	

SCR-3003	Optical Properties		Thermal Properties			Calculations based on reference glazing D				
	Openness factor	Tv	Rs	Ts	As	Gtot/ SHGC	Impro- vement %	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	21,0 %	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 %	0,30	6,9 %	98 %	3	
06 - Ebony	3 %	3 %	5 %	3 %	92 %	0,30	4,9 %	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 %	0,30	5,5 %	98 %	3	
11 - Beige Pearl Grey	3 %	8 %	43 %	11 %	46 %	0,27	15,4 %	97 %	2	

SCR-3005	Optical Properties		Thermal Properties			Calculations based on reference glazing D				
	Openness factor	Tv	Rs	Ts	As	Gtot/ SHGC	Impro- vement %	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	19,0 %	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 %	0,30	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 %	0,30	5,4 %	97 %	3	
11 - Beige Pearl Grey	5 %	10 %	41 %	13 %	46 %	0,27	14,7 %	94 %	2	

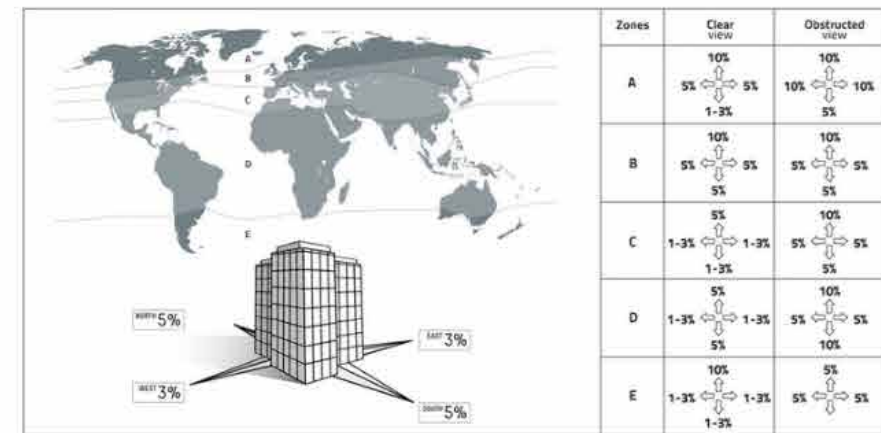
SCR-3010	Optical Properties		Thermal Properties			Calculations based on reference glazing D				
	Openness factor	Tv	Rs	Ts	As	Gtot/ SHGC	Impro- vement %	UV Blockage	BREEAM Glare Class	
01 - Chalk	10 %	27 %	57 %	30 %	13 %	0,26	18,7 %	89 %	0	
02 - Chalk Beige	10 %	20 %	57 %	23 %	20 %	0,26	18,9 %	88 %	0	
03 - Chalk Soft Grey	10 %	14 %	46 %	17 %	37 %	0,27	16,0 %	88 %	1	
05 - Charcoal Iron Grey	10 %	12 %	14 %	12 %	74 %	0,30	7,1 %	89 %	1	
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 %	0,30	5,2 %	90 %	1	
11 - Beige Pearl Grey	10 %	16 %	37 %	19 %	44 %	0,28	13,4 %	89 %	1	

SHADES BY MATISS



The collection offers 10 colors in the same basket weave, each available in an openness factor of 1, 3, 5 and 10 %.

The compass card indicates the right level of light transmission according to the orientation of your facade.



f in Hz	125	250	500	1000	2000	4000	NRC	SAA
α_s	0.05	0.02	0.18	0.33	0.22	0.28	0.20	0.19

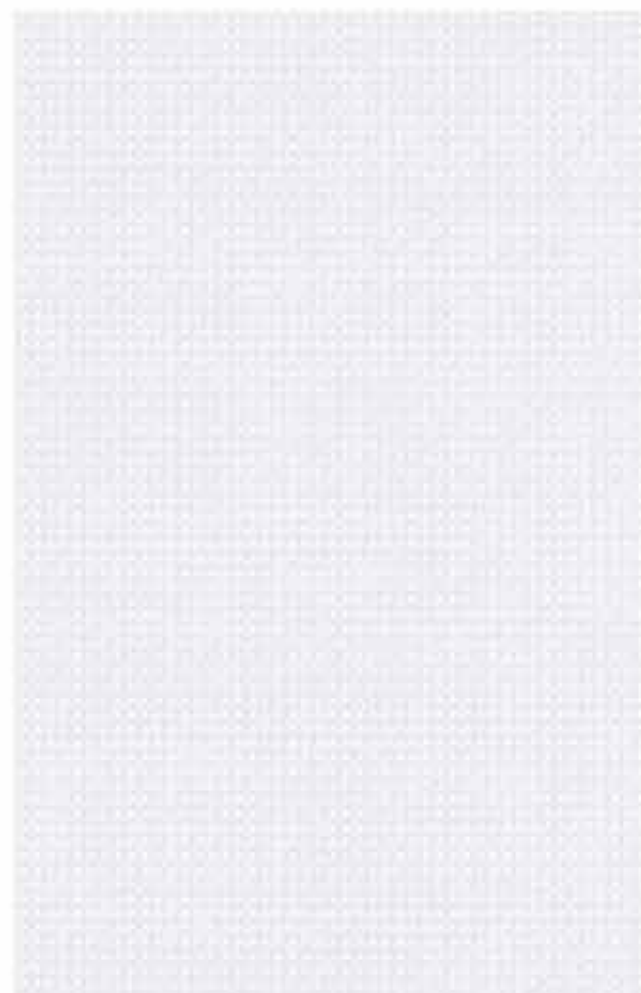
Sound absorption: The sound absorption coefficient (α_s) is the ratio of absorbed sound energy to the sound energy occurring. Tested in audible range of 125 - 4000 Hz.

α_s : Sound absorption by ISO 354.

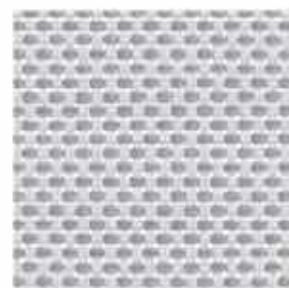
NRC: This is the arithmetic average of the sound absorption coefficients at 250, 500, 1000 and 2000 Hz.

SAA: This is the average absorption of sound waves from 12 octave frequencies ranging from 200 – 2500 Hz.

SHADES BY MATISS



SCR-3005-01 Chalk



SCR-3005-03 Chalk Soft Grey



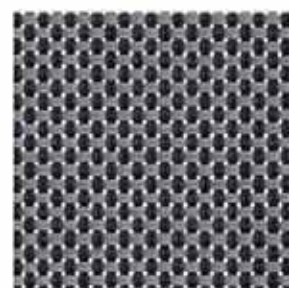
SCR-3005-01 Chalk



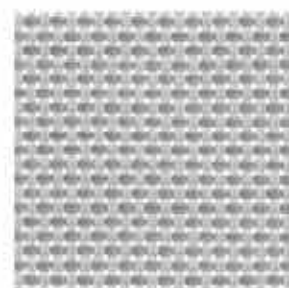
SCR-3005-08 Soft Grey



SCR-3005-02 Chalk Beige Cream



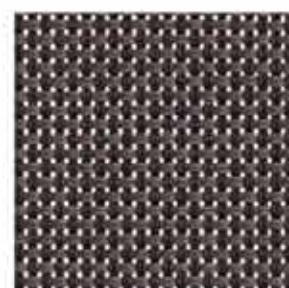
SCR-3005-05 Charcoal Iron Grey



SCR-3005-11 Beige Pearl Grey



SCR-3005-06 Ebony



SCR-3005-10 Charcoal Dark Bronze

1%
OPENNESS
FACTOR

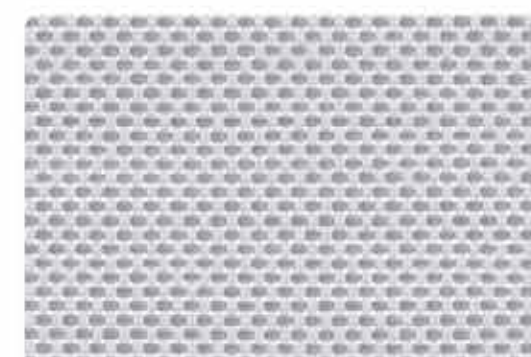


98 - 118 IN

3001

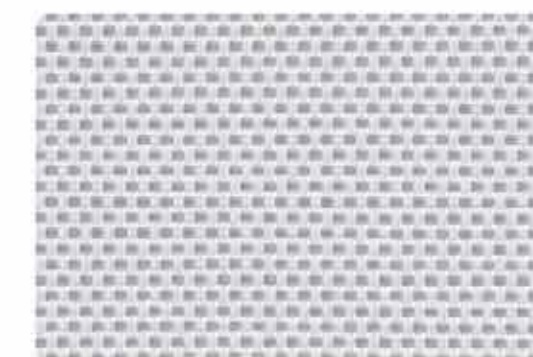
98 - 118 IN

3005



5%
OPENNESS
FACTOR

3%
OPENNESS
FACTOR

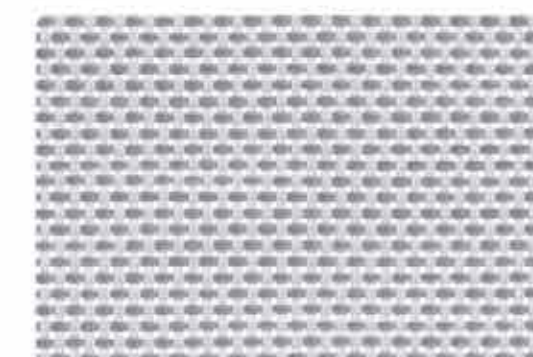


98 - 118 IN

3003

98 - 118 IN

3010



10%
OPENNESS
FACTOR