

AMBIENT RENEW

PVC Free Screen



TEXSTYLE

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Ambient Renew is an eco-friendly PVC Free solar screen fabric made of 85% REPREVE® Recycled Polyester. It is designed to behave similarly to a traditional solar screen but without the PVC.

Select Ambient Renew for your commercial or residential space when you're looking to minimize your impact on the environment while maximizing solar control and durability. This fabric can be recycled and comes with a recycling take back program for scraps or old shades. It's compliance to the Living Building Challenge Red List makes this fabric the optimal choice for more demanding projects.

FEATURES

- PVC Free and Flame Retardant
- 85% REPREVE® Recycled Polyester made from recycled bottles, 15% Virgin Polyester
- Living Building Challenge Red List Compliant
- Zero Waste
- Strong Acoustical Performance for 1% Openness with NRC at 0.50
- 11 modern colors offered in 1% and 5% openness
- Attractively priced 2x2 screen
- Formaldehyde Free, Lead Free, Phthalate Free, Fragrance Free

REPREVE
For the good of tomorrow



1 roll of Ambient Renew 1% fabric contains **1,800+** plastic bottles



1 roll of Ambient Renew 5% fabric contains **1,400+** plastic bottles

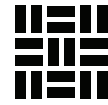
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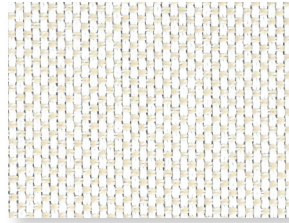
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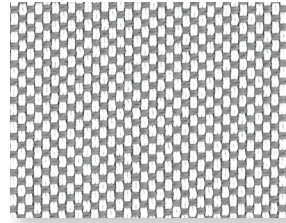
COLORS



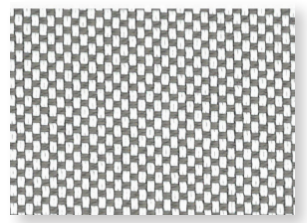
R001 WHITE/WHITE



R002 WHITE/BEIGE



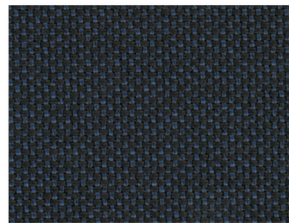
R004 WHITE/GRAY



R003 WHITE/SMOKE



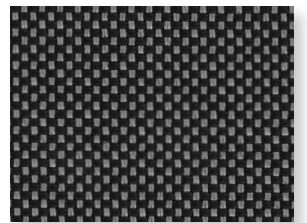
R303 SMOKE/SMOKE



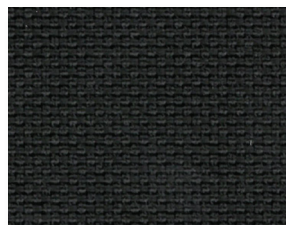
R507 BLACK/BLUE



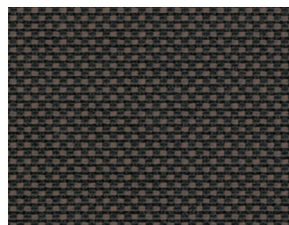
R503 BLACK/SMOKE



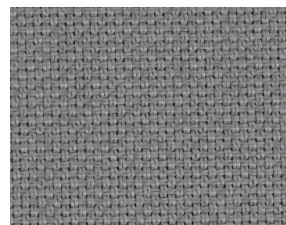
R504 BLACK/GRAY



R505 BLACK/BLACK



R506 BLACK/COFFEE



R404 GRAY/GRAY

SPECIFICATIONS

	1%	5%
Composition	85% REPREVE® Recycled Polyester, 15% Virgin Polyester	
Openness Factor	Average 1%	Average 5%
Weight	11.80 oz/yd ² (400 g/m ²)	9.0 oz/yd ² (305 g/m ²)
Thickness	.021in (.54mm)	.019in (.48mm)
Colorfastness	Grade ≥ 7 (Blue Wool Scale)	Grade ≥ 7 (Blue Wool Scale)
Average length	33 yd/roll (30m)	
Width	118" (3m)	
Cutting	Ultrasonic is best to prevent fraying.	
Welding	Tape recommended. 300°F for 10 seconds. 30 seconds to cool. Test first	
Acoustical Performance	NRC 0.50 SAA 0.51	Negligible
Railroadable	Yes	
Fungal/Bacterial Resistance	ASTM E2180	
Cleaning	Regular light dusting. Alternatively, dirt and debris can be blown away using compressed air or a handheld hair dryer on the cool setting.	
Fire Classifications	NFPA 701, CA Title 19	
Environmental Standards	Low VOC<0.5mg/m3: CDPH Standard Method v1.2, Health Product Declaration, OEKO-TEX Standard 100 Certified, RoHS, LBC Red List Compliant	

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THERMAL AND OPTICAL FACTORS

COLOR		THERMAL FACTORS			OPTICAL FACTORS	
		Ts	Rs	As	Tv	Tuv
1%	R001 White/White	22	69	9	19	2
	R002 White/Beige	16	59	25	11	2
	R003 White/Smoke	8	40	52	6	2
	R004 White/Gray	9	45	45	4	1
	R404 Gray/Gray	3	27	70	1	1
	R303 Smoke/Smoke	2	17	82	1	1
	R503 Black/Smoke	1	9	90	1	1
	R504 Black/Gray	1	11	88	1	0
	R505 Black/Black	2	4	95	2	2
	R506 Black/Coffee	2	11	88	1	1
R507 Black/Blue	1	6	93	1	1	
5%	R001 White/White	27	65	9	24	6
	R002 White/Beige	22	57	21	17	7
	R003 White/Smoke	13	42	46	11	5
	R004 White/Gray	15	45	40	12	5
	R404 Gray/Gray	7	27	65	6	4
	R303 Smoke/Smoke	6	17	77	5	4
	R503 Black/Smoke	4	8	88	4	4
	R504 Black/Gray	6	15	79	4	4
	R505 Black/Black	5	4	92	5	5
	R506 Black/Coffee	5	10	85	5	5
R507 Black/Blue	5	5	90	5	5	



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