

# FABRIC CERTIFICATION MATRIX

Solar Screen



		KLEENSCREEN	3000 NET	4000 NET	3000 HT	3000 RR	4700 P	VIEW R	4000 L	X-Weave
Applications	Roller	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Panel	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Roman									
	Blackout									
	Light Filtering									
	Screen	✓	✓	✓	✓	✓	✓	✓	✓	✓
Certifications   Declarations   Standards	AERC Energy Rating		✓							
	Cradle to Cradle									
	Greenguard Gold	✓	✓	✓	✓	✓	✓	✓	✓	✓
	CDPH		✓	✓	✓	✓	✓	✓	✓	
	HPD	✓	✓	✓	✓					
	Red List Compliant									
	OekoTex 100	✓	✓	✓	✓	✓	✓	✓	✓	✓
	EcoSpecifier									
	ISO 14001	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ISO 9001	✓	✓	✓	✓	✓	✓	✓	✓	✓
	FR	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Lead Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fungal/Bacterial Resistance	✓	✓	✓	✓	✓	✓	✓	✓	✓
Features	PVC-Free									
	Formaldehyde Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Phthalate Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fragrance Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Recycled Content									
	Recyclable									
Warranty	Eco Friendly									
	5 Year Warranty									✓
	10 Year Warranty	✓								
	Limited Lifetime Warranty		✓	✓	✓	✓	✓	✓	✓	

# FABRIC CERTIFICATION MATRIX

Verosol High Performance Fabrics



		SilverScreen	OmniaScreen	EnviroScreen
Applications	Roller	✓	✓	✓
	Panel	✓	✓	✓
	Roman			
	Blackout			
	Light Filtering			✓
	Screen	✓	✓	✓
Certifications   Declarations   Standards	AERC Energy Rating			
	Cradle to Cradle			✓
	Greenguard Gold	✓	✓	✓
	CDPH			
	HPD	✓	✓	✓
	Red List Compliant			✓
	OekoTex 100	✓	✓	✓
	EcoSpecifier	✓		✓
	ISO 14001	✓	✓	✓
	ISO 9001	✓	✓	✓
	FR	✓	✓	✓
	Lead Free	✓	✓	✓
	Fungal/Bacterial Resis-			
	PVC-Free			✓
Features	Formaldehyde Free	✓	✓	✓
	Phthalate Free	✓	✓	✓
	Fragrance Free	✓	✓	✓
	Recycled Content			
	Recyclable			
	Eco Friendly			✓
	Warranty	5 Year Warranty		
10 Year Warranty		✓	✓	✓
Limited Lifetime Warranty				

# FABRIC CERTIFICATION MATRIX

Commercial PVC Free



		Ambient Renew	Ambient	Anzio	Mesa LF	Mesa BO	Tempe
Applications	Roller	✓	✓	✓	✓	✓	✓
	Panel	✓		✓	✓	✓	✓
	Roman	✓	✓		✓		
	Blackout			✓			✓
	Light Filtering	✓	✓		✓		
	Screen					✓	
Certifications   Declarations   Standards	AERC Energy Rating	✓					
	Cradle to Cradle						
	Greenguard Gold	✓	✓	✓	✓	✓	✓
	CDPH	✓		✓		✓	✓
	HPD	✓	✓	✓	✓	✓	✓
	Red List Compliant				✓	✓	
	OekoTex 100	✓	✓	✓	✓	✓	
	EcoSpecifier						
	ISO 14001						✓
	ISO 9001	✓	✓				
	FR	✓	✓	✓	✓	✓	✓
	Lead Free	✓	✓	✓	✓	✓	✓
	Fungal/Bacterial Resistance			✓			✓
Features	PVC-Free	✓	✓	✓	✓	✓	✓
	Formaldehyde Free			✓	✓	✓	
	Phthalate Free	✓	✓	✓	✓	✓	✓
	Fragrance Free	✓	✓	✓	✓	✓	✓
	Recycled Content						
	Recyclable				✓		
	Eco Friendly	✓	✓		✓	✓	
Warranty	5 Year Warranty						
	10 Year Warranty	✓	✓	✓	✓	✓	✓
	Limited Lifetime Warranty						

# FABRIC CERTIFICATION MATRIX

Designer Texture



		Balmoral LF	Balmoral BO	Jersey LF	Jersey BO	Chambray	Stickan	Chenille	Mandal	Karuna	Lugo	Falun
Applications	Roller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Panel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Roman	✓	✓	✓	✓							
	Blackout		✓		✓							
	Light Filtering	✓		✓		✓	✓	✓	✓	✓	✓	✓
	Screen											
Certifications   Declarations   Standards	AERC Energy Rating	✓	✓									
	Cradle to Cradle											
	Greenguard Gold	✓	✓	✓	✓							
	CDPH											
	HPD											
	Red List Compliant											
	OekoTex 100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	EcoSpecifier											
	ISO 14001					✓	✓	✓	✓	✓	✓	✓
	ISO 9001	✓	✓	✓	✓							
	FR											
	Lead Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fungal/Bacterial Resistance												
Features	PVC-Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Formaldehyde Free	✓	✓	✓	✓							
	Phthalate Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fragrance Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Recycled Content								✓	✓		
	Recyclable											
	Eco Friendly								✓	✓		
Warranty	5 Year Warranty	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10 Year Warranty											
	Limited Lifetime Warranty											

# FABRIC CERTIFICATION MATRIX

Designer Solid



		Verona	Milano	Torino	Panama	Largo Transparent	Largo Translucent	Largo Blackout	Sanctuary Blackout
Applications	Roller	✓	✓	✓	✓	✓	✓	✓	✓
	Panel	✓	✓	✓	✓	✓	✓	✓	✓
	Roman								✓
	Blackout			✓				✓	✓
	Light Filtering	✓	✓		✓	✓	✓		
	Screen								
Certifications   Declarations   Standards	AERC Energy Rating								
	Cradle to Cradle								
	Greenguard Gold								✓
	CDPH								
	HPD								
	Red List Compliant								
	OekoTex 100	✓	✓	✓	✓				✓
	EcoSpecifier								
	ISO 14001	✓	✓	✓	✓				
	ISO 9001								✓
	FR								
	Lead Free	✓	✓	✓	✓				✓
Fungal/Bacterial Resistance									
Features	PVC-Free	✓	✓	✓	✓	✓	✓	✓	✓
	Formaldehyde Free								✓
	Phthalate Free	✓	✓	✓	✓				✓
	Fragrance Free	✓	✓	✓	✓				✓
	Recycled Content								
	Recyclable								
	Eco Friendly								
Warranty	5 Year Warranty	✓	✓	✓	✓	✓	✓	✓	✓
	10 Year Warranty								
	Limited Lifetime Warranty								

# FABRIC CERTIFICATION MATRIX

Designer Neutrals



		Trento	Vigo	Romana	Tarifa	Soria Blackout	Santiago	Avesta	Avesta Blackout	Vista Blackout
Applications	Roller	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Panel	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Roman									✓
	Blackout		✓			✓			✓	✓
	Light Filtering	✓		✓	✓		✓	✓		
	Screen									
Certifications   Declarations   Standards	AERC Energy Rating									
	Cradle to Cradle									
	Greenguard Gold									✓
	CDPH									
	HPD									
	Red List Compliant									
	OekoTex 100									✓
	EcoSpecifier									
	ISO 14001	✓	✓	✓	✓	✓	✓	✓	✓	
	ISO 9001									✓
	FR									
	Lead Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fungal/Bacterial Resistance									
Features	PVC-Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Formaldehyde Free									✓
	Phthalate Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Fragrance Free	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Recycled Content									
	Recyclable									
	Eco Friendly									
Warranty	5 Year Warranty	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10 Year Warranty									
	Limited Lifetime Warranty									

# FABRIC BRIEF

Certifications | Declarations | Standards



## GreenGuard

- Certification that identifies products and materials with low chemical emissions.
- Certified products have been screened for more than 10,000 volatile organic compounds (VOCs) and must meet strict chemical emission levels over a 14 day testing period.
- Tests to the California Department of Public Health (CDPH) Standard Method v1.2–2017.
- Greenguard was first used as the basis for establishing LEED credits, but is no longer. LEED now uses the California Department of Public Health (CDPH) Standard Method v1.2–2017.
- Certification expires after 5 years.



## GreenGuard Gold

- Achieving this certification level means that this fabric meets stricter chemical emission limits than standard greenguard.
- It means your product's TVOC (total VOCs) is 0.5mg/m3 of air, or less.



## Cradle to Cradle

- A system of scoring a product and its total lifecycle for its sustainability commitment to the circular economy.
- Asses product and its lifecycle across 5 critical sustainability categories: Material Health, Material Reutilization, Renewable Energy and Carbon Management, Water Stewardship, and Social Fairness.
- Each category is assigned an achievement level: bronze, silver, gold, platinum.
- Lowest category achievement level represents its overall certification level.
- Assesses the products total lifecycle from fiber creation through the manufactures policies and procedures to transit methods to the most likely end use and then how all components can be recycled and what their new purpose could be.



## Oeko-Tex

- Certifies that the product is free of harmful substances or the limit values of potentially harmful substances are not exceeded. In many cases, the Oeko-Tex limit values go beyond national and international requirements.
- Tests for regulated substances and also non-regulated substances that are known to be problematic: Formaldehyde, heavy metals including lead, pesticides, chlorinated phenols, pthalates, biological active products, flame retardants, odors, Asbestos, dyestuffs classified as allergens, VOCs, and much more.
- Certification valid for 1 yr and test criteria and limit values are updated each year.
- There are 4 product classes. Window covering fabrics fall into Class 4. Test requirements depend on the intended use of the textile product.



## California Department of Public Health v1.2

- CDPH is a test method for screening volatile organic compounds (VOCs) from indoor furniture, finishes, and materials.
- It is a 14-day test in a closed chamber. From the results you can make a self declaration about a product.
- GreenGuard uses this same test plus other factors for their certification.
- Gives you a range of values: TVOC: 0.5 mg/m3 or less, between 0.5 and 5 mg/m3, or 5 mg/m3 and more
- Benefits of CDPH vs GreenGuard: Guaranteed science and it does not expire.



## LBC Red List Compliant

- Means that of all chemicals in the product that were declared in the HPD, none of them are on the LBC's (Living Building Challenge Institute) red list of hazardous materials.
- The hazardous chemicals lists is determined by government agencies such as the United States Environmental Protection Agency (U.S. EPA), European Union Commission for the Environment, and the California Department of Toxic Substances Control.
- There are 3 levels that can be achieved:
  1. LBC Red List free = free of all red list ingredients down to 100 ppm.
  2. LBC Red List Compliant (Ambient)= free of all red list ingredients down to 100 ppm but we cannot disclose the chemicals for confidentiality reasons.
  3. Declared = not compliant with the Red List or its temporary exceptions.
- This declaration can be made using LBC's "Declare." label or using a self declaration letter.



## ATTACHMENTS ENERGY RATING COUNCIL (AERC)

- AERC provides unbiased, third-party certifications of the energy-saving potential of a window attachment product using a sophisticated process of material testing and window modeling to gauge the degree to which a window attachment will improve the performance of the window in reducing heating and cooling usage.

Certified AERC products contain two energy ratings for Cool and Warm Climate that display potential energy savings in comparison to unprotected windows.

Cool Climate – measures for potential heat savings  
Warm Climate – measures for potential cooling savings  
Learn more at: [www.aercenergyrating.org](http://www.aercenergyrating.org)



## Health Product Declaration

- Declaration of everything you use in your product - good, bad, and ugly. Not a certification.
- Similar to a Material Safety Data Sheet (MSDS), except an HPD measures smaller particles down to 100 parts per million. MSDS would not capture particles to small.
- It screens the materials and substances using the GreenScreen methodology and gives you a hazard score based on the hazard level of the product.

# FABRIC BRIEF

Certifications | Declarations | Standards



14001

## ISO 14001

- International Organization for Standardization (ISO) gives specifications for products, services and good practice helping to make industry more efficient and effective.
- Achieving 14001 certification means a company has met the requirements of showing they are controlling the impacts that their activities, products, and services have on the environment.
- This standard outlines how to conduct a life cycle analysis and how to make environmental statements about your product.
- Implies trust in environmental responsibility terms and thus helps to break down trade barriers.



9001

## ISO 9001

- International Organization for Standardization (ISO) gives state-of-the-art specifications for products, services and good practice helping to make industry more efficient and effective.
- A manufacturing quality certification
- Achieving this 9001 certification says a company has met the Quality Management System requirements by demonstrating their company commitment to quality, customer satisfaction, and continuous improvement of operations.
- Implies Quality and Trust and thus helps to break down trade barriers.



## Eco Specifier

- Originated in Australia in 2003. Became Global in 2012.
- Tests and ensures that all products eco claims and self declarations meet the claim requirements including data, statements, symbols, and graphics.
- Standards used for making eco claims are ISO 14021 and ACCC Environment Claims Guidelines.
- Guarantees consumers and professionals that all key manufacturer health & environmental claims are third party verified.
- Offers builders, architects, and governments an online database of green building materials to choose from, and education for green building design and other green training materials.