

# FABRIC CERTIFICATION MATRIX



Commercial

		Ambient Renew	Kleenscreen	3000 NET	4000 NET	3000 HT	3000 RR	4700 P	VIEW R	4000 L	X-Weave (Exterior)	Mesa LF	Mesa BO	Tempe BO	Ambient	Anzio	SilverScreen	OmniaScreen	EnviroScreen	
Applications	Roller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Panel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Roman											✓	✓			✓				
	Blackout												✓	✓						
	Light Filtering											✓				✓			✓	
	Screen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					✓		✓	✓	✓
Certifications   Declarations   Standards	AERC Energy Rating			✓									✓							
	Cradle to Cradle																		✓	
	LOW VOC (CDPH or GREENGUARD Gold)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
	HPD	✓	✓	✓	✓	✓						✓	✓	✓	✓		✓	✓	✓	
	Red List Compliant	✓													✓				✓	
	OEKO-TEX Standard 100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	EcoSpecifier																	✓		✓
	ISO 14001		✓	✓	✓	✓	✓	✓	✓	✓	✓						✓	✓	✓	✓
	ISO 9001		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓
	Fire Retardant	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lead Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Fungal/Bacterial Resistance		✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓					
Features	PVC Free	✓										✓	✓	✓	✓	✓			✓	
	Formaldehyde Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Phthalate Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Fragrance Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Recycled Content															✓				
	Recyclable	✓														✓				
Warranties	5 Year Warranty	✓									✓				✓	✓				
	10 Year Warranty		✓									✓	✓	✓			✓	✓	✓	
	Limited Lifetime Warranty			✓	✓	✓	✓	✓	✓	✓										

# FABRIC CERTIFICATION MATRIX



## Residential

		Avesta LF	Avesta BO	Balmoral LF	Balmoral BO	Chambray	Chenille	Falun	Jersey LF	Jersey BO	Karuna	Largo TP	Largo TL	Largo BO	Lugo	Mandal	Milano	Panama	Romana	Sanctuary LF	Sanctuary BO	Soria BO	Stickan	Tarifa	Torino BO	Trento	Vigo BO	Vista BO	
Applications	Roller	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Panel	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Roman			✓	✓				✓	✓										✓	✓							✓	
	Blackout		✓		✓					✓				✓							✓					✓		✓	✓
	Light Filtering	✓		✓		✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		
	Screen																												
Certifications   Declarations   Standards	AERC Energy Rating			✓	✓																								
	Cradle to Cradle																												
	Low VOC (CDPH or GREENGUARD Gold)			✓	✓				✓	✓											✓	✓						✓	
	HPD																												
	Red List Compliant																												
	OEKO-TEX Standard 100	✓	✓	✓	✓	✓	✓		✓	✓	✓				✓	✓	✓	✓		✓	✓	✓						✓	
	EcoSpecifier																												
	ISO 14001	✓	✓			✓	✓	✓			✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	ISO 9001			✓	✓				✓	✓																			✓
	Fire Retardant																												
	Lead Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Fungal/Bacterial Resistance																													
Features	PVC Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Formaldehyde Free			✓	✓				✓	✓																		✓	
	Phthalate Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Fragrance Free	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Recycled Content										✓						✓												
	Recyclable																												
Warranties	5 Year Warranty	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	10 Year Warranty																												
	Limited Lifetime Warranty																												

# FABRIC FEATURE 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

- Highest level GREENGUARD certification meaning a fabric meets stricter chemical emission limits than standard GREENGUARD.
- Products TVOC (total VOCs) must be 0.5mg/m<sup>3</sup> of air, or less.
- TVOC emission results of zero also receive Gold status.



## 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 fiber creation, manufactures policies and procedures, transit methods, and the likely end use for how all components can be recycled and what their new purpose could be.



## OEKO-TEX Standard 100

- 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 allergenic, 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)

- 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/m<sup>3</sup> or less, between 0.5 and 5 mg/m<sup>3</sup>, or 5 mg/m<sup>3</sup> and more
- Benefits of CDPH vs GreenGuard: Guaranteed science and it does not expire.



## LBC Red List Compliant

- All chemicals declared in the HPD for a product are not 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 (HPD)

- Declaration of everything used in a product, both good and bad. 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 so 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 FEATURE 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

- 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.
- Tests and ensures that all products eco claims and self declarations meet the claim requirements including data, statements, symbols, and graphics.
- Originated in Australia in 2003. Became Global in 2012.
- 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.