

Beyond LEED: Other leading and environmentally friendly certificates of Verosol



Since 1998 all Verosol products are awarded with the Öko-Tex Standard 100. For Verosol this certificate is of great importance, knowing that our products are free from harmful substances and adding positively to our well-being. All Verosol products are performing extremely well on low VOC emissions and are therefore very positive for indoor air quality. Öko-Tex can be seen as the European equivalent of US Greenguard.



For many years Verosol is holding an ISO 9001 certificate for their quality management system. ISO 9001 is widely recognized as an international standard, which provides a framework for an effective quality management system.



Verosol recently achieved an ISO 14001 certificate for their environmental management system. ISO 14001 is a tool for assuring compliance with the extensive legislative requirements that are in place. The focus of an Environmental Management System is to prevent pollution, compliance with legislative, and continual improvement of an organizations performance. As part of ISO 14001, objectives and targets are set for implementing internal improvements in reducing the environmental impacts of the organization.



In 2007 several Verosol articles were assessed and met the criteria for inclusion on Ecospecifier, see: www.ecospecifier.org. The fabrics from Verosol are therefore been listed under all the 6 ecospecifier summery assessment criteria:

1. Energy/Greenhouse,
2. Habitat & Land,
3. Resource Depletion & Efficiency,
4. Human Health,
5. Pollution Reduction,
6. Other Vital Signs.

In Australia Verosol is experienced in succesfully working according to the Green Building Council of Australia's Green Star rating tools and Green Star Office Interiors and Designs.



In 2007 SilverScreen fabric for roller blind achieved an independent ultra low VOC certification from CETEC. Awarded by the Green Building Council of Australia, SilverScreen achieved the very low emission of $< 0.5 \text{ mg/m}^2/\text{hr}$ [7 days]. SilverScreen is contributing to a healthy and safe office environment.



Verosol is a member of the U.S. Green Building Council (USGBC). This is a non-profit organization committed to expanding sustainable building practices. Their mission is to transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life.

Verosol and LEED

Features of Verosol metallised and SilverScreen

Sustainability

Criteria LEED-Points



vision by Verosol®

The impact of Verosol products on LEED-projects

Vision by Verosol

Verosol is a worldwide supplier of premium solutions for solar control, addressing the need to be comfortably in touch with the world outside. Its innovative nature and crystal clear vision have made Verosol a leading player in the market for technical window covering products that significantly reduce heat and glare while providing an excellent view of the world outside. Verosol has been at the forefront in this market since it surprised the world with an innovative solar shading fabric that combined effective solar control and outside view. Its continuous R&D efforts have made Verosol a trusted partner for architects, project developers and interior designers. In short, for the professional dealing with blinds, energy saving and workplace comfort. Verosol's proactive specialists can assist you in virtually any conceivable project. By engaging Verosol you are assured of the most up-to-date know-how of high-quality solar control solutions.



Vision on Sustainability

Verosol solar shading has been established for 40 years; during this time the high quality reflective benefits of the product range have been at the forefront of providing energy saving solutions to building owners and increased productivity gains for end users. Verosol has consistently invested in a clean and low energy production process that allows for minimal environmental impact. Verosol is a globally active company and seeks always to operate within local environmental standards and regulations. Verosol takes great pride in ensuring that the company is managed in a safe and socially responsible way. This management principle encompasses all employees including subcontractors.

Sustainability in the vision of Verosol signifies a product that has been manufactured in an environmentally friendly, safe and socially responsible manner and can be processed safely at the end of its life cycle.

Verosol and the LEED rating system

Achievable points

The products from Verosol can make a significant contribution to the LEED rating systems on the following subjects:

Concerning LEED for New Constructions v2.2

Sustainable Sites:

- Credit 8. Light Pollution Reduction

1 point

Energy and Atmosphere:

- Credit 1. Optimize energy performance

1-10 points

Indoor Environmental Quality:

- Credit 6.1 Controllability of Systems - Lighting
- Credit 6.2 Controllability of Systems - Thermal Comfort
- Credit 7.1 Thermal Comfort - Design
- Credit 8.1 Daylight & Views - Daylight 75% of Spaces
- Credit 8.2 Daylight & Views - Views 90% of Spaces

1 point

1 point

1 point

1 point

1 point

Innovation & Design Process:

- Credit 1.1 - 1.4 Innovation in Design

1-4 points

Concerning LEED for Existing Buildings: Operations & Maintenance

Sustainable Sites:

- Credit 8. Light Pollution Reduction

1 point

Energy and Atmosphere:

- Credit 1. Optimize energy performance
- Credit 5. Refrigerant Management
- Credit 6. Emissions Reduction Reporting

2-15 points

1 point

1 point

Materials & Resources:

- Credit 3. Sustainable Purchasing - Facility Alterations and Additions

1 point

Indoor Environmental Quality:

- Credit 1.1 IAQ Best Management Practices - IAQ Management Program
- Credit 2.1 Occupant Comfort - Occupant Survey
- Credit 2.2 Occupant Comfort - Occupant Controlled Lighting
- Credit 2.3 Occupant Comfort - Thermal Comfort Monitoring
- Credit 2.4 Occupant Comfort - Daylight & Views 50% Daylight/45% Views
- Credit 2.4 Occupant Comfort - Daylight & Views 75% Daylight/90% Views

1 point

1 point

1 point

1 point

1 point

1 point

Innovation in operations:

- Credit 1.1 - 1.4 Innovation in Operations

1-4 points