

Sustainability and LEED® Credits



VYCON®
CONTRACT WALLCOVERING

EcoView™
Wallcovering 

J. Josephson's Sustainability Story

J. Josephson has long been committed to reducing waste from its manufacturing processes and has a remarkable recycling program in place.

Recycling Initiatives

- Recycle printed and unprinted vinyl waste for use in alternative manufacturing processes
- Recycle printed embossed/laminated material
- Recycle 2 million pounds of vinyl waste each year
- Recycle 100% of printing inks
- Recycle the heat generated from our compressors to heat our facility in the wintertime

Environmentally conscious manufacturing processes

- HAP-free inks (hazardous air pollutant-free)
We recycle 100% of our printing inks in a sophisticated oxidizer that reduces energy consumption, generating heat that is returned to the operation, virtually eliminating any hazardous emissions of carbon dioxide.

Due this efficient recycling, J. Josephson is not required to file an annual report according to the EPA's - Environmental Protection Agency - regulations on TRI, Toxic Release Inventory.

- Lowered energy consumption by 75% with efficient lighting.
- J. Josephson ships out 500,000 pounds of vinyl waste per year to be recycled into other products such as hose liners and playground matting.

Complying with State and Federal Regulations

J. Josephson meets or exceeds state and federal regulations

- Federal Clean Air Act
- OSHA (Occupational Safety and Health Administration)
- ECRA (Environmental Conservation Recovery Act)
- State of New Jersey Department of Environmental Protection Requirements

LEED® (Leadership in Energy and Environmental Design)

USGBC, U.S. Green Building Council, formed in 1993, launched the first LEED® Pilot Project Program or LEED® Version 1.0 in 1998.

The LEED® rating systems are designed for rating new and existing commercial, institutional, and residential buildings using a set of performance standards for certifying the design and construction of healthful, durable and environmentally sound tenant spaces.

LEED® 2009 for Commercial Interiors addresses the specifics of tenant spaces primarily in office, hospitality and healthcare, institutional and retail buildings.

To earn LEED® certification, the applicant project must satisfy all the prerequisites and qualify for a minimum number of points to attain the established project ratings.

Each rating system is organized into five environmental categories:

- **Sustainable Sites**
- **Water Efficiency**
- **Energy and Atmosphere**
- **Materials and Resources**
- **Indoor Environmental Quality**

All LEED® credits are worth a minimum of 1 point.

CERTIFICATION LEVELS:

Certified	40 - 49 points
Silver	50 - 59 points
Gold	60 - 79 points
Platinum	80 points and above

See www.usgbc.org or www.gbci.org for LEED® 2009 for Commercial Interiors.

How does Vycon and Illuminato contribute to LEED® Rating Points?

EcoView is an Osnapurg backed non-woven contract wallcovering with **30% post-consumer recycled content.**

J. Josephson's manufacturing site allows Opus's 500 mile radius to encompass a large number of the most densely populated metro areas: As far north as Boston and Toronto; as far west as Pittsburgh, Akron and Cleveland; as far south as Washington, DC and its suburbs including Roanoke, VA; as well as New York City and its large urban neighbors.

MR Credit 4 – Recycled Content 1 - 2 points

Requirements

Use materials, including furniture and furnishings, with recycled content such that the sum of post-consumer recycled content plus 1/2 of the pre-consumer content constitutes at least 10% or 20% based on the cost of the total value of the materials in the project. The minimum percentage materials recycled for each point threshold is as follows:

- Recycled Content is 10% - 1 point
- Recycled Content is 20% - 2 points

Post-Consumer Recycled Content: A material or finished product that has served its intended use and has been diverted or recovered from waste destined for disposal. Manufacturer's scrap that would have, in any case, been incorporated into the product does not qualify as recycled under the Federal Trade Commission Guides.

Post-Consumer Recycled Material: Waste material generated by households or by commercial, industrial, and institutional facilities in their role as end users of a product which can no longer be used for its intended purpose.

Pre-Consumer Recycled Content: Materials generated by manufacturers or product converters, such as trimming, overruns, and obsolete products that are incorporated back into the manufacturing process of the same or different product.

Pre-Consumer Recycled Material: Material diverted from the waste stream during the manufacturing process. This term excludes reutilized materials such as rework, regrind, and scrap that are capable of being reclaimed within the same process that generated them.

MR Credit 5 – Regional Materials 1 - 2 points

Requirements

Option 1 – 1 point

Use a minimum of 20% of the combined value of construction and Division 12 / furniture materials and products that are manufactured regionally within a radius of 500 miles.

Option 2 – 2 points

Meet the requirements for Option 1.

Use a minimum of 10% of the combined value of construction and Division 12 / furniture materials and products that are extracted, harvested or recovered, as well as manufactured regionally within a radius of 500 miles.

How does Vycon and Illuminato contribute to LEED® Rating Points?

The EcoView Advantage: The EcoView non-woven substrate is FSC certified under their Mixed Sources label, which means at least 70% of the fibers are from post-consumer recycled content. The EcoView substrate has 80% of its fibers from this source.

EcoView products, such as Opus, and Symphony's Low VOC vinyl wallcoverings - Coda and Celesta - meet California Section 01350 IAQ/Indoor Air Quality requirements for wallcoverings and can contribute to EQ Credit 4.1 if used with low VOC* adhesives and sealants. All major adhesives brands offer low VOC adhesives.

** Volatile organic compounds*

MR Credit 7 – Certified Wood 1 point

Requirements

When using new wood-based products and materials, use a minimum of 50% that are certified in accordance with the Forest Stewardship Council's principles and criteria. Division 12 / furniture material value is included in the determination of the certified wood content.

FSC: Forest Stewardship Council is an independent, non-governmental, not-for-profit organization established to promote the responsible management of the world's forests.

FSC Mixed Sources: The wood comes from FSC-certified well managed forests and at least 70% of the material used in production is FSC-certified and post-consumer recycled. "Mixed sources" is another way to say recycled paper or wood-based product.

All recycled products will have a mix of species.

EQ Credit 4.1 – Low-Emitting Materials, Adhesives and Sealants 1 point

Requirements

All adhesives and sealants used on the interior of the building must comply with the requirements as applicable to the project scope.

Adhesives, sealants and sealant primers must comply with South Coast Air Quality Management District (SCAQMD) Rule 1168.

California Section 01350

Developed by the State of California to cover key environmental performance issues in the selection of building materials based on emissions testing protocol, hazardous content screening and avoiding mold and mildew from construction practices.

Adopted nationwide, California Section 01350 has the most transparent requirements in the industry and is integrated into other broader specification programs:

- Indoor Advantage
- Green Label Plus
- Green Guide for Healthcare
- Collaborative for High Performance Schools
- Institute for Market Transformation to Sustainability

MR Credit 4.1

Recycled Content - 1 Point

10% of materials and products

Use materials, including furniture and furnishings, with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% or 20% of the total value of the materials in the project. The recycled content value of the material is determined by weight.



MR Credit 4.2

Recycled Content - 2 Points

Use materials, including furniture and furnishings, with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% or 20% of the total value of the materials in the project. The recycled content value of the material is determined by weight.



MR Credit 5.1

Regional Materials - 1 Point

20% manufactured regionally

Use a minimum of 20% of the combined value of materials and products that are manufactured regionally within a radius of 500 miles.



MR Credit 7

Certified Wood - 1 Point

50% of new wood-based products are FSC certified. When using new wood-based products and materials, use a minimum of 50% that are certified in accordance with the Forest Stewardship Council's principles and criteria.



EQ Credit 4.1

Low-Emitting Materials, Adhesives and Sealants - 1 Point

Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and wellbeing of installers and occupants. All adhesives and sealants used on the interior of a building must comply with the requirements as applicable to the project scope.

