

Lumicor®

BEYOND GREEN



Lumicor, known for outstanding service and the highest quality architectural resin panels introduces **R4™**, the latest choice in eco-friendly design products.

All Lumicor R4 products can help your project qualify for LEED® credits. R4 is available in three high performance resins, each containing certified levels of recycled material.

The choice is clear.



▶ REUSE | SMART WASTE PREVENTION

Reusing materials is one of the most efficient methods of reducing environmental impact. That's why Lumicor has designed a manufacturing process that REUSES water in a closed-loop system, saving over 21 million gallons of fresh water each year. Furthermore, our manufacturing facility was built by REUSING 700 tons of recycled concrete, reducing demands on new

materials. We also REUSE the thermal energy generated during manufacturing to heat the facility, creating annual savings of 865 million BTU's of energy. Lumicor's quest to discover new and better ways to REUSE materials is never ending. The more materials we REUSE, the more efficient we become, resulting in superior value to our customers.



SAVING OVER **21 MILLION GALLONS OF FRESH WATER** EACH YEAR



MANUFACTURING FACILITY BUILT USING **700 TONS OF RECYCLED CONCRETE**



CREATING ANNUAL SAVINGS OF **865 MILLION BTU'S OF ENERGY**



COMPANY-WIDE **WASTE REDUCTION PROGRAM** TO REUSE OR RECYCLE RESOURCES

▶ RENEW | CONTINUING THE CYCLE

Lumicor contributes to sustainable building in several ways. We start by creating products made from RENEWABLE resources including recycled glass, organic and recycled fabrics, and botanicals harvested from sustainable crops. Furthermore, our Lumiclear and Lumiguard products have a RENEWABLE surface, thus eliminating the need to replace if scratched or damaged. Lumicor makes it

easy to continue the cycle with an established network of pre-approved recycling facilities local to you. In fact, all of our products are 100% recyclable. We continue the cycle of sustainable building by donating funds to American Forests Global ReLeaf tree planting program.

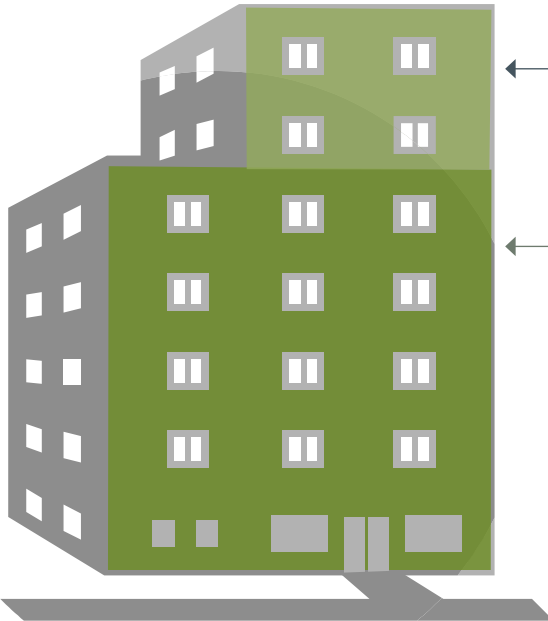
Visit www.lumicor.com for more information on recycling Lumicor panels.



► RECYCLE | MEETING LEED® STANDARDS

As a member of the United States Green Building Council, Lumicor recognizes the importance of LEED projects for sustainable design. Lumicor R4 products contain up to 60% certified RECYCLED material. At Lumicor, we're committed to providing our customers with a wide selection of superior, high quality certified RECYCLED products that exceed your building needs—all while being a dedicated, environmentally responsible company.

Lumicor is committed to providing the best products to help your building project qualify for LEED certification. Lumiclear R4, Lumiguard R4, and Lumiform R4 are certified as having RECYCLED material by one of the leading certifying companies, Scientific Certification Systems (SCS) and contains 60%, 50%, 40% and 30% recycled resin, depending on your needs.



Eligible LEED® credits

- ← **MR 2.1 – Construction Waste Management: Divert 50% From Disposal (1 point)**
- ← **MR 2.2 – Construction Waste Management: Divert 75% From Disposal (2 points)**

Recycle and/or salvage at least 50% (75% for MR 2.2) of non-hazardous construction and demolition debris.

- ← **MR 4.1 – Recycled Content: 10% (post-consumer + ½ pre-consumer) (1 point)**
- ← **MR 4.2 – Recycled Content: 20% (post-consumer + ½ pre-consumer) (2 points)**

Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% (20% for MR 4.2) (based on cost) of the total value of the materials in the project.



Visit www.usgbc.org for more information on LEED and project registration.

► RESINS | THE CHOICE IS CLEAR

Lumicor is the only company to offer certified recycled products in 3 resin options: Lumiclear R4™, Lumiguard R4™ and Lumiform R4™. Lumiclear R4 is the first encapsulated resin product to include 50% recycled material without compromising its clarity. Lumiguard R4 combines enhanced chemical resistance with 30% recycled content. Lumiform R4 contains 40% recycled material

and carries a Class A Fire Rating. Together, Lumicor's resin choices offer a wider array of features and benefits to suit virtually any design, and are certified recycled to meet LEED material content standards. At Lumicor, we continue to lead the industry when it comes to developing new and innovative green products that give our customers—and the planet—a clear advantage.



▶ LUMICOR R4™ | BEYOND GREEN

WHY BUILD GREEN?¹

Environmental benefits:

- Enhance and protect ecosystems and biodiversity
- Improve air and water quality
- Reduce solid waste
- Conserve natural resources

Economic benefits:

- Reduce operating costs
- Enhance asset value and profits
- Improve employee productivity and satisfaction
- Optimize life-cycle economic performance

Health and community benefits:

- Improve air, thermal and acoustic environments
- Enhance occupant comfort & health
- Minimize strain on local infrastructure
- Contribute to overall quality of life

Lumicor goes one step further in creating the latest in eco-friendly products to help your building project qualify for LEED certification. All materials are carefully inspected to insure the integrity and clarity of the recycled content meets Lumicor quality standards.

For samples and more information or to find a representative near you, visit www.lumicor.com



Visit www.scs-certified.com
for more information on
certified recycled content.

Lumicor is a proud member of U.S. Green Building Council, and has four products certified by SCS for recycled content.



¹From U.S. Green Building website www.usgbc.org

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