



What is LEED?

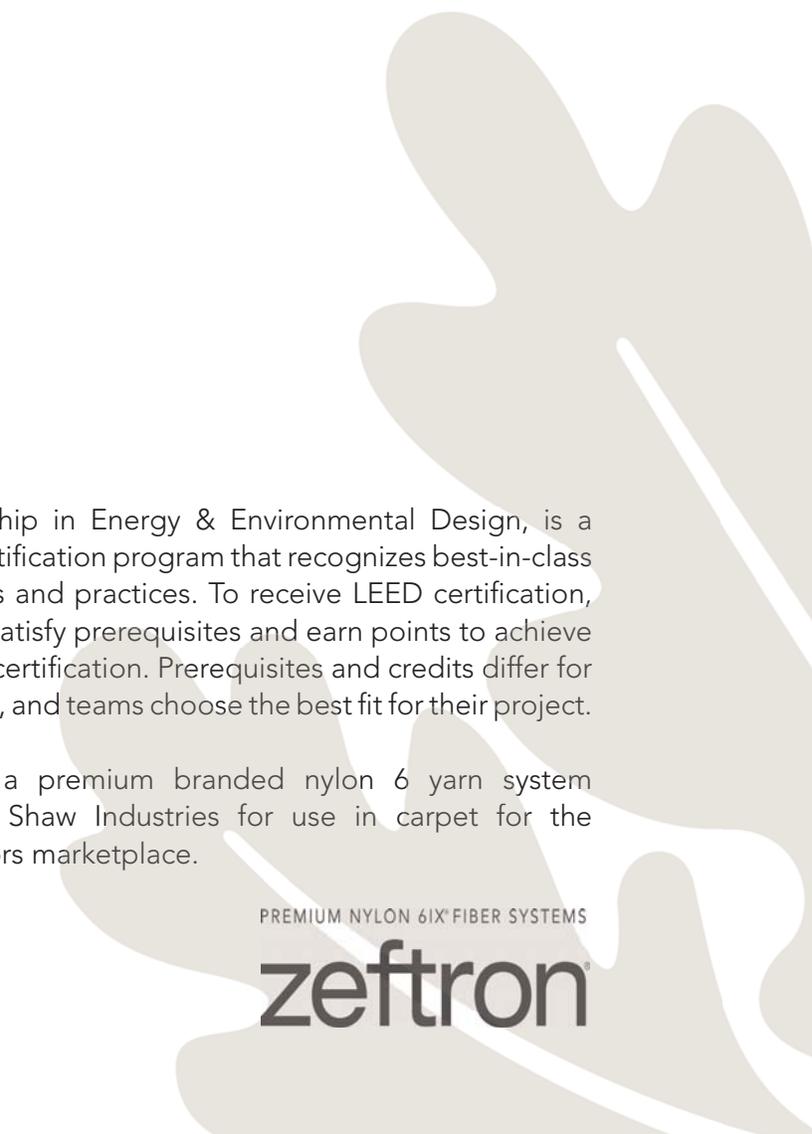
Put simply, LEED is the benchmark for design, materials, construction and operation of Green Buildings

LEED, or Leadership in Energy & Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. To receive LEED certification, building projects satisfy prerequisites and earn points to achieve different levels of certification. Prerequisites and credits differ for each rating system, and teams choose the best fit for their project.

Zeftron nylon is a premium branded nylon 6 yarn system manufactured by Shaw Industries for use in carpet for the commercial interiors marketplace.

PREMIUM NYLON 6IX FIBER SYSTEMS

zeftron[®]



Sustainable Design is a Reality

LEED V4

Architects, designers, and building owners may apply for LEED points for their buildings based on a number of criteria. The rating system itself is structured into six basic categories based on design, construction, and operational performance: Location and Transportation; Sustainable Sites; Water Efficiency; Energy & Atmosphere; Materials & Resources; and Indoor Environmental Quality. Further points may be obtained under the Innovation in Design or Pilot Credit categories.

LEED applies to a wide variety of building types, including new building construction (LEED BD+C), redesigned interiors (LEED ID+C), and existing buildings (LEED O+M) – both for commercial and residential use.

Why should I care about LEED?

Space for waste is at a premium. And non-renewable resource supplies continue to dwindle. LEED rewards forward-thinking building practices – actions that remain conscious of these issues and benefit the overall health of our world.

To you, the rewards are more tangible. In some states, having a LEED certified building can lead to tax benefits. In fact, it may be required in some jurisdictions. (For instance, many federal agencies enforce green building policies that require all new construction to meet minimum LEED requirements.) But perhaps more enticingly, LEED can increase savings – in water, energy costs, and other resources – and contribute to happier, healthier and more productive building occupants.

How can I make LEED work for me?

You've already taken the first step.

A working knowledge of the LEED rating system is no longer an option – it's a requirement to design, build, and create efficient, environmentally friendly working and living spaces today. Unfortunately, despite its popularity and obvious benefits, LEED can sometimes be tricky to understand and difficult to implement effectively. Read on and learn how carpets constructed with Zeftron nylon can contribute to LEED V4 credits and help you create high performance green buildings.

LEED V4 Credit/Category	Description	Opportunity
Materials & Resources: Building product disclosure and optimization environmental product declarations (EPD)	Project must use at least 20 products from at least 5 manufacturers that have published EPDs (1 point). Use products that demonstrate lower LCA category impacts [for 50%, by cost, of the total value of permanently installed products in the project] (1 point)	EPD scope applies to finished products. Shaw can share nylon 6 yarn environmental impact data to assist carpet manufacturers preparing their own product EPD.
Materials & Resources: Building product disclosure and optimization sourcing of raw materials	1) Project must use at least 20 products from at least 5 manufacturers that have published third party sustainability reports. (Shaw publishes an annual GRI sustainability report) (1 point). 2) Use products that have take-back programs, recycled content, or biobased materials [for 50%, by cost, of the total value of permanently installed products in the project]. Dollar contribution based on product content percentages. (1 point).	Zeftron nylon recycled content in carpet product (25% PI) can contribute towards the dollar threshold for Credit 2. Zeftron nylon is 100% recyclable and offers its own 6ix Again® carpet recycling take-back program. Carpet products covered by a formal take back program contributes 50% of value to credit.
Materials & Resources: Building product disclosure and optimization material ingredients	1) Project must use at least 20 products from at least 5 manufacturers that have published HPDs that disclose hazards to 1000 ppm or are Cradle to Cradle certified at V2 (any level) or V3 Bronze and above. 2) Use products that document their material ingredient optimization via Cradle to Cradle V3 Silver and above [for 25%, by cost, of the total value of permanently installed products in the project]. V3 Silver counts at 100% of product cost (1 point).	Zeftron nylon is Cradle to Cradle V3 certified and when used as the face yarn in the finished carpet can help contribute to Credit 1. As noted, Zeftron nylon is Cradle to Cradle V3 Silver certified.
Indoor Environmental Quality: Low-emitting materials	Flooring products must meet CA 01350 VOC emissions and SCAQMD 1168 VOC Content performance requirements: Adhesives – less than 50 grams/liter VOC Content Carpet – Meet Green Label Plus, disclose TVOC	Be sure to inform your clients that Zeftron nylon branded carpet complies with CRI Green Label Plus requirements, and highlight the CRI Green Label on architect folders and other product documentation so that they know Zeftron nylon products will meet all requirements for this point.

www.zeftronnylon.com

Zeftron's goals are aligned with LEED

We create carpet fiber designed to minimize impact on the environment by focusing on product composition, manufacturing process, and reclaim/renewal options. Zeftron nylon can contribute the maximum number of LEED points for carpet applications.