

## LEED for Schools: A greener way to learn.

The way students learn has much to do with their surroundings. The more thoughtful the setting, the more successful the education. That's where the U.S. Green Building Council's LEED for Schools certification program comes in. The program promotes the careful planning and building of green schools while focusing on the unique aspects of children's health issues and physical learning environments.

By reinforcing the importance of clean air, natural light and high-quality acoustics, LEED for Schools encourages greener learning for happier, healthier children.

## Learn, thrive, grow. Build from the ground up.

EcoWorx backing systems are designed for optimum performance and unrivaled sustainability. EcoWorx products are PVC-free and completely recyclable, providing a model resource to schools while contributing toward LEED certification.

## The EcoWorx® Advantage

### eco✱worx® tile

- Tougher than traditional carpet tile backing with 8x the tear strength, 5x the tensile strength and 2x the delamination strength.
- Backed by a lifetime commercial warranty against edge ravel, zippering, delamination and moisture degradation.
- Weighs 40% less than traditional PVC tile, saving on shipping fuel and easing installation.
- Contains 40% pre consumer recycled content and is completely recyclable into more EcoWorx.

### eco✱worx® performance broadloom

- Lighter and more flexible than traditional high-performance backing for easier installation.
- Features an impermeable moisture barrier to prevent stains and liquid contaminants from ever reaching the subfloor.
- Backed by a lifetime commercial warranty against edge ravel, zippering, delamination and moisture degradation.
- Contains 20% post consumer recycled content and is completely recyclable into more EcoWorx.
- Passes the 10,000 impact test



## Environmentally Guaranteed

Shaw will collect and recycle all EcoWorx products into more EcoWorx at the end of their useful life. Just **call the 800 number on the back of the carpet**. Shaw will collect and recycle for schools using EcoWorx at no charge. That's the best part.





	LEED credit	Shaw Contract Group contribution
materials & resources	<b>MR Credit 2: Construction Waste Management</b> Divert construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites. Recycle and/or salvage at least 50% (1 point) or 75% (2 points)	Completely recyclable EcoWorx product pulled from a site contributes to this credit. Shaw will also help facilitate recycling efforts of other carpet products. The Carpet America Recovery Effort named Shaw its 2007 Large Recycler of the year.
	<b>MR Credit 4: Recycled Content (post consumer + ½ pre consumer):</b> 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% based on cost of the total value of the materials (1 point) or at least 20% of the total value of the materials in the project (2 points).	Completely recyclable EcoWorx tile backing contains 40% pre consumer content and EcoWorx Performance Broadloom contains 20% post consumer recycled content. Eco Solution Q nylon fiber has additional 25% pre consumer content.
	<b>MR Credit 5: Regional Materials</b> Increase demand for building materials and products that are extracted, harvested or recovered, and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.	Projects within 500 miles of Shaw manufacturing in Cartersville, GA can claim a percentage of carpet toward the 10% minimum.
indoor environmental quality	<b>IEQ Credit 3.1/3.2: Construction IAQ Management Plan</b> Reduce indoor air quality problems resulting from the construction/renovation process in order to help sustain the comfort and well-being of construction workers and building occupants.	EcoWorx Performance Broadloom and tile products are CRI Green Label Plus certified which is a prerequisite for this point.
	<b>IEQ Credit 4.1: Adhesives and Sealants</b> <b>IEQ Credit 4.3: Flooring Systems</b> Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and wellbeing of installers and occupants. All adhesives and sealants (1 point) and flooring systems (1 point) installed in the building interior shall meet the testing and product requirements of the California Department of Health Services Standard Practice for The Testing Of Volatile Organic Emissions From Various Sources Using Small-Scale Environmental Chambers, including 2004 Addenda.	Both EcoWorx Performance Broadloom and EcoWorx tile are CRI Green Label Plus certified and contribute to Adhesives and Sealants and Flooring Systems points.
	<b>IEQ Prerequisite 3: Minimum Acoustical Performance</b> <b>IEQ Credit 9: Enhanced Acoustical Performance</b> Provide classrooms that facilitate better teacher-to-student and student-to-student communications. Design classrooms and other core learning spaces to meet the Reverberation Time (RT) requirements of ANSI Standard S12.60-2002 with a 45 dBA or less (1 point). EQ 9 requires a 40 dBA or less (1 point) or a 35 dBA or less (2 points).	EcoWorx products enhance classroom acoustics by dampening background noise and reducing Reverberation Time. Carpet, fabric-faced wall panels and acoustical ceiling tiles contribute toward this credit.
	<b>IEQ Credit 10: Mold Prevention</b> Reduce the potential presence of mold in schools through preventive design and construction measures.	EcoWorx products contribute to an IAQ Management Program, which is a prerequisite for the Mold Prevention credit.
innovation in design	<b>ID Credit 1</b> Provides projects the opportunity to be awarded up to 4 additional credit points for exceptional performance above LEED requirements and/or innovative design not specifically addressed by the LEED Rating System.	Shaw's EcoWorx products are Cradle to Cradle Certified and NSF-140 Certified; all contribute toward this credit.