

Date: April 20, 2009

## The LEEDS Rating System

What is LEED®?

LEED stands for the Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ and encourages and accelerates global adoption of sustainable green building and development practices through the creation and implementation of universally understood and accepted tools and performance criteria.

Based on the information available on the U.S. Green Building Council (USGBC) website, the following ( 11 ) LEEDS Credits would apply to SnapSys Interloc Floating Porcelain Floor Systems:

**MR Credit 1.1 Building Reuse (Maintaining 75%) (1 LEED Credit)**

**MR Credit 1.2 Building Reuse (Maintaining 95%) (1 LEED Credit)**

**MR Credit 1.3 Building Reuse (Maintain 50% of Interior (Non Structural) (1 LEED Credit)**

**Intent:** Extend the life cycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

**Requirement:** Maintain at least 50%, 75% or 95% (based on surface area) of existing building structure (including structural floor and roof decking) and envelope (exterior skin and framing, excluding window assemblies and non-structural roofing material).

Hazardous materials that are remediated as a part of the project scope shall be excluded from the calculation of the percentage maintained. If the project includes an addition to an existing building, this credit is not applicable if the square footage of the addition is more than 2 times the square footage of the existing building.

**Product Claim:** Avaire® are floating floor systems that facilitate installation directly over existing floors (vinyl, ceramic, wood, concrete, etc.) without the need for demolition or removal, thereby eliminating the need for disposal

**Environmental Benefit:** Conserves resources, eliminates asbestos and dust concerns.

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**MR Credit 2.1 Construction Waste Management (50% recyclable) (1 LEED Credit)**

**MR Credit 2.2 Construction Waste Management (75% recyclable) (1 LEED Credit)**

**Intent:** Divert construction and demolition debris from disposal in landfills and incineration.

**Requirement:** Recycle and/or salvage at least 50% or 75% by weight or volume of non-hazardous construction debris.

**Product Claim:** Avaire® are floating floor systems that facilitate installation directly over existing floors (vinyl, ceramic, wood, concrete, etc.) without the need for demolition or removal, thereby eliminating the need for disposal.

**Environmental Benefit:** Virtually eliminates landfill waste and/or incineration requirements thereby saving energy and promoting better utilization of landfill sites while reducing the amount of encroachment on valuable green space.

**MR Credit 4.1 Recycled Content (10%) (1 LEED Credit)**

**MR Credit 4.2 Recycled Content (20%) (1 LEED Credit)**

**Intent:** Increase demand for flooring products that incorporate recycled materials.

**Requirement:** 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% (1 point), 20% (additional point) for the total dollar value of the material assembly in the product.

**Product Claim:** The Avaire Standard floor line is made from 20 % recycled resins.

**Environmental Benefit:** Products with recycled content reduce the need for virgin material use and reduce solid waste volumes.

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**MR Credit 5.1 Regional Materials 10% (1 LEED Credit)**

**MR Credit 5.2 Regional Materials 20% (1 LEED Credit)**

**Intent:** Increase demand for materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from long distance transportation.

**Requirement:** Use building materials that have been harvested, recovered as well as manufactured within 500 miles of the project site for a minimum of the 10% (based on cost) of the total materials value.

**Product Claim:**

**Environmental Benefit:** By purchasing manufactured materials regionally, the local economy is supported and transportation costs and environmental impacts are reduced.

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**EO Credit 3.2 Construction IAQ Management Plan During Construction (1 LEED Credit)**

**Intent:** Reduce indoor air quality problems resulting from the construction/renovation process.

**Requirement:** Particulates (PM10)—Maximum concentration: 50 micrograms per cubic meter

**Product Claim:** All SnapSys Interloc™ systems allow for dust-free installations without the need for demolition/dust generation.

**Environmental Benefits:** Eliminates micro dust particulate so workers are not exposed to potentially hazardous situations. Also eliminates the need for face masks or other breathing apparatus. Eliminates elements that pose contamination risk to building occupants.

**EO Credit 4.1 Low Emitting Materials—Adhesives/Sealants (1 LEEDS Credit)**

**Intent:** Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

**Requirement:** All adhesives and sealants used on the interior of the building (defined as inside of the weatherproofing system and applied on-site) shall comply with the requirements of the following reference standards:

Ceramic Tile Adhesives: VOC Limit: 65 g/L less water

**Product Claim:** TBD

**Environmental Benefits:** Significantly reduce the amount of VOC's entering confined spaces.