

LEED

Make Your Building Greener
with Good Duct Design

McGill AirFlow LLC

An enterprise of United McGill—Family owned
and operated since 1951

McGill AirFlow products and services can contribute to meeting LEED prerequisites and qualifying for LEED credits. Here are a few examples:

- **LEED EA Prerequisite 2:
Minimum Energy Performance**

- **LEED EA Credit 1:
Optimize Energy Performance**

McGill AirFlow's round and flat oval spiral ductwork – you can specify leakage rates as low as $\frac{1}{2}$ of 1%

Uni-Duct® Duct System Design Service – optimal air handling performance and energy savings at the lowest possible material costs using our round and flat oval duct and fittings

- **LEED EA Credit 5:
Measurement and Verification**

McGill AirFlow's Leak Detective® Duct Leakage Testing Equipment – accurately validate duct system leakage performance

- **LEED EQ Prerequisite 1:
Minimum IAQ Performance**

- **LEED EQ Credit 2:
Increased Ventilation**

McGill AirFlow's terminal outlets – Factair™ and Duct-D-Fuser™ Grilles, Registers, and Diffusers efficiently deliver, distribute, and control ventilated air to occupied spaces

- **LEED EQ Credit 4.1:
Low-Emitting Materials:
Adhesives and Sealants**

McGill's complete line of duct sealants and adhesives – low VOC formulas that also provide energy savings through airtight seals and secure attachment of insulation to ductwork

We can help your project become LEED certified.

From reducing energy consumption to designing buildings that reduce the impact on the environment, green-related issues such as qualifying for LEED certification are fast becoming the primary concerns of developers, architects, code officials, engineers, and designers. McGill AirFlow has products and services that help you meet those challenges. Our sales and engineering staff will be happy to explain how the features and benefits of our products and services can contribute to your green efforts.

We also offer free duct system design seminars that will teach you how good duct design and proper product selection can save energy, time, and money. Our seminars give you the opportunity to learn from one of the nation's leading suppliers of round and flat oval ductwork about the key aspects of designing low-leakage, well-balanced, energy-efficient duct systems that increase occupant comfort and indoor air quality on projects requiring LEED certification.

“Make Your Building Greener with Good Duct Design” – Seminar Agenda

How to design duct systems with ½ of 1% leakage by cfm

- Why good duct system design is so important
- Why the type of duct specified is so important
- Duct design methods – optimized static regain vs equal friction
- Uni-Duct Design Service

How to increase LEED points with duct system design and product selection

- The benefits of round and flat oval spiral duct vs rectangular duct
 - Comparison of material use and costs
 - Comparison of leakage rates and energy usage
 - Comparison of installation time and costs
- Elimination of duct sealants and packaging
 - The use of Uni-Gasket® fittings
 - The use of Uni-Flange™ connectors

Double-wall, insulated round and flat oval Acousti-k27® duct vs lined rectangular duct

- Destroying the “higher cost” myth
- Acoustical/thermal benefits



To find out more about how McGill products and services can help your project qualify for LEED credits or how you can schedule one of our free “green” seminars, please inquire with the McGill salesperson in your area by visiting the Web address listed below.

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One Mission Park
Groveport, OH 43125
614/829-1200, Fax: 614/829-1291
E-mail: marketing@mcgillairflow.com
Web site: mcgillairflow.com