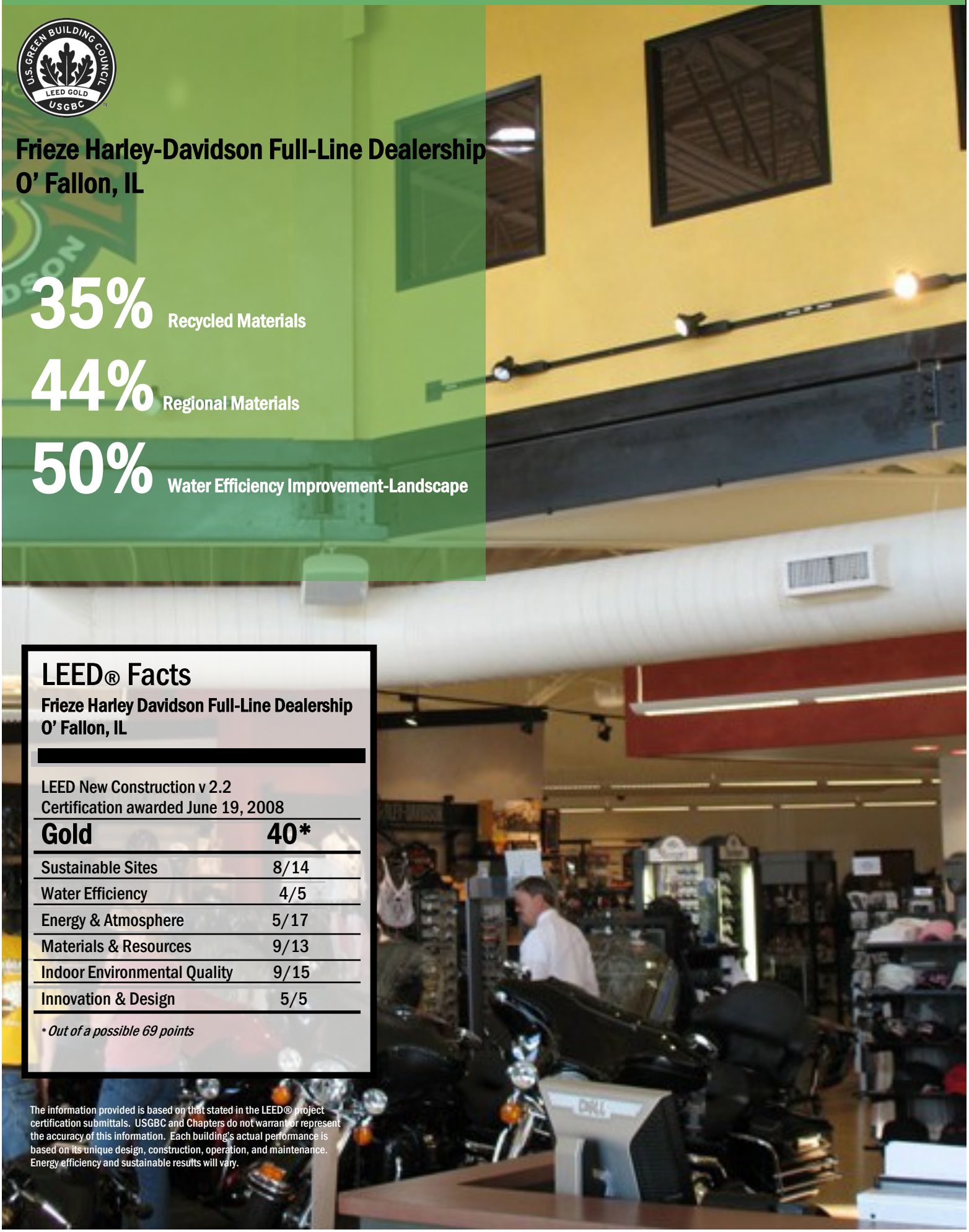
LEED PROJECT PROFILE

Frieze Harley-Davidson Full-Line Dealership
O' Fallon, IL

35% Recycled Materials

44% Regional Materials

50% Water Efficiency Improvement-Landscape



LEED® Facts

Frieze Harley Davidson Full-Line Dealership
O' Fallon, IL

LEED New Construction v 2.2
Certification awarded June 19, 2008

Gold	**40***
Sustainable Sites	8/14
Water Efficiency	4/5
Energy & Atmosphere	5/17
Materials & Resources	9/13
Indoor Environmental Quality	9/15
Innovation & Design	5/5

** Out of a possible 69 points*

Frieze Harley-Davidson Full-Line Dealership

First Gold LEED Certified Harley-Davidson Building in Nation

PROJECT BACKGROUND

Frieze Harley-Davidson Full-Line Dealership is the first Gold LEED Certified Harley-Davidson building in the nation. As an international corporation, Harley-Davidson promotes a philosophy of sustainability and environmental friendliness. After all, Harley-Davidson sells fun, experienced in the great outdoors. Virginia Frieze immediately understood the value of her new headquarters building having the LEED distinction, both in an environmental and marketing aspect. She has received national recognition for her commitment.

The 33,000 square foot building, set on a 13 acre site, incorporates the motorcycle showroom, parts and accessories retail, customer services, over a dozen technical/maintenance bays, administration and inventory storage. A large outdoor plaza serves as additional showroom and events gathering space.

STRATEGIES AND RESULTS

The building's design is unlike any other Harley-Davidson in the nation, in that it moves away from the warehouse style to new contemporary lines representing speed, movement and hot sales. It provides a perfect canvas to incorporate and display sustainable opportunities and equipment for public education. Approaching the site, a 50 foot tall wind turbine is located in a natural landscape. The building is constructed of Insulated Concrete Forms (ICF) providing a tight super insulated and durable wall system. The Walls are dressed with masonry and Exterior Insulation Finish Systems (EIFS) finishes. The Thermoplastic Polyolefin (TPO) roof and concrete parking lot positively address the Heat Island Effect while offering exceptional resistance to ultraviolet exposure.

Servicing motorcycles regularly provides the unique opportunity to recycle used motor oil. During the oil change, the oil is stored in an on-site tank which powers a boiler that provides radiant floor heat to the service bays. Solatubes are plentiful throughout the building, including in the service bays and retail showroom. On bright days, the artificial light fixtures power down to fifty percent. Other strategies include:

- Optimized Energy Performance 21%
- Construction Waste Diversion 50%
- Recycled Content 35%
- Regional Material Use 44%
- Daylight and Views 75%

ABOUT FRIEZE HARLEY-DAVIDSON FULL-LINE DEALERSHIP

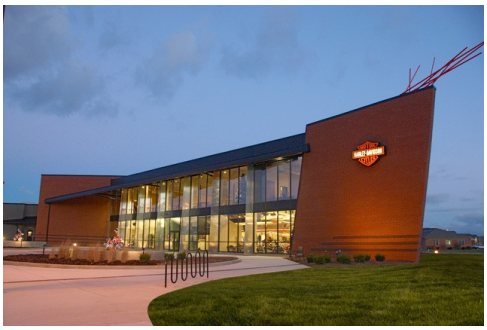
Frieze Harley-Davidson has been in business since 1963 and is one of the region's most successful Harley-Davidson retail and motorcycle sales facilities. The value of sustainability in promotion and education is a philosophical commitment of this organization.

"This is a true team effort and I hope it inspires our neighbors and Harley-Davidson dealers across the country to build green buildings."

Virginia Frieze, Owner of Frieze Harley-Davidson Full-Line Dealership

Architect: Gary L. Karasek; U-Studios Incorporated
Civil Engineer: Thouvenot Wade and Moerchen
Commissioning Agent: Vertegy
Contractor: Trumpet Builders LLC
Owner/Developer: Virginia Frieze, Frieze Harley-Davidson
Interior Designer: Gary Karasek
Landscape Architect: Acorn Landscaping
LEED /Sustainability Consultant: Vertegy
Lighting Designer: Karasek/Solutions AEC
MEP Engineer: Solutions AEC
Structural Engineer: Ox2 Engineering; Scott O'Neill
Project Size: 33,000 sq. ft.

Photographs Courtesy of: Gary Karasek



About USGBC-Missouri Gateway Chapter

USGBC is the nation's foremost coalition of leaders from across the building industry. Missouri Gateway Chapter members represent all segments of the building industry and work together to promote buildings that are environmentally responsible, profitable, and healthy places to live and work.

usgbc-mogateway.org
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