



DOW BUSINESS SERVICES CENTER



PROJECT NAME

Dow Business Services Center

CLIENT

Dow Chemical Company

LOCATION

Midland, Michigan

MARKET SECTOR

Office

BUILDING SIZE

205,000 sf

PROJECT COMPLETION

2011

CONSTRUCTION TYPE

New Construction

SUSTAINABILITY

LEED® Silver Target

AWARDS

- Build Michigan Award, Environmental/Sustainable/LEED Category, 2011

COLLABORATORS

- MEP: URS Corporation
- GC: Spence Brothers

Learn more about this project at acutherm.com



PROJECT DESCRIPTION

Dow (NYSE: DOW) combines the power of science and technology to passionately innovate what is essential to human progress. The Company connects chemistry and innovation with the principles of sustainability to help address many of the world's most challenging problems such as the need for clean water, renewable energy generation and conservation, and increasing agricultural productivity.

As Dow creates ways for the world to conserve and generate energy, they're simultaneously reducing their own impact as evident by their pledge to "grow the Company and not the carbon." They're following through on that pledge with new construction projects like The Dow Business Services Center, recently completed in Midland, Michigan.

One of the many strategic energy-saving elements that went into the building was the full installation of a Therma-Fuser™ VAV system. Nearly 1,000 individual temperature control units were installed.

With each Therma-Fuser diffuser acting as an individual VAV zone, every area of the building has separate, optimized temperature settings. This allows for ultimate comfort while eliminating the wasted energy of over heating and over cooling. Therma-Fuser diffusers also provide a constant discharge velocity with comfort benefits of higher throws, no dumping, better room air movement and uniform temperature distribution.

Dow's commitment to sustainability never wavered on this project. Supporting this accomplishment was the synergistic team approach of design, development, and construction partners, URS Corporation, SSP Associates (developer) and Spence Brothers. The desire to have the building represent a world-class, sustainable icon for Dow's 2015 Sustainable Goals was paramount. The Business Services Center was built with sustainability at its core. From top to bottom, inside and out, the center uses multiple Dow materials and technologies to create a sustainable facility that uses fewer natural resources, reduces energy consumption, and lowers greenhouse gas emissions.