



LEED

Moving Walls for a Greener Tomorrow

# TRANSITION IS CLEAR WITH MODERNFOLD GWS MOVEABLE GLASS WALLS

Being a friend of the environment is not a new initiative at Modernfold. Modernfold has been practicing environmentally conscious manufacturing processes in its facilities for many years—careful attention is paid not only to the amount of energy we consume but what we emit back into the environment. As a company, we seek out ways to be environmentally friendly in how we

design our products, how we operate our facilities, and in our partnerships with suppliers who are committed to sustainable products. We believe that environmentally friendly practices make us more efficient and help us manage our costs, which in turn benefits the architect, designer, facility owner, and the community.



Modernfold understands the importance of LEED (Leadership in Energy and Environmental Design) certification and welcomes the challenge to build safe and sustainable buildings by aligning our products with the standards set by the USGBC. We have distributors that are trained and educated in LEED practices, and they can help you achieve your LEED certification.



*"As the lead architect and a LEED AP, I took great pride in my efforts on the US Green Building Council project. When it came to selection of the operable partitions, it was an easy choice. One manufacturer has always impressed me with its product performance, green initiatives, and LEED documentation—Modernfold was the basis of our specification. Modernfold's familiarity*

*with the LEED process and the fact they have an established system in place made my job easier. For your next job, especially if it's a LEED project, I would highly recommend looking to Modernfold."*

**Rod Letenja, AIA, LEED AP**  
**Envision Architecture + Interiors**



USGBC (United States Green Building Council) National Headquarters



# LEED DESIGN

Modernfold can assist with LEED requirements in many types of projects including schools, hospitals, hotels, or offices.

The use of glass provides natural light for your design.

With the use of operable walls, existing rooms can be divided, leaving existing building elements in place.

Reduce energy consumption by closing off spaces, utilizing only the space required.





## Modernfold LEED-Certified Projects

Modernfold partitions have been installed all over the country and have provided some of the most prestigious LEED-certified projects constructed to date. These are just a few of the LEED-building-certified projects where Modernfold partitions are established. Please visit [www.modernfold.com](http://www.modernfold.com) for more information on projects in your area.

LEED RATING	PROJECT NAME
<b>PLATINUM</b>	<ul style="list-style-type: none"> <li>• USGBC National Headquarters, DC</li> <li>• Skanska USA Building, GA</li> </ul>
<b>GOLD</b>	<ul style="list-style-type: none"> <li>• IIDA, IL</li> <li>• The Mohawk Group, IL</li> <li>• Hensley Field Operations Center, TX</li> <li>• WRT Main Office, PA</li> <li>• Glenrosa Service Center, AZ</li> <li>• HOK Canada/Urbana Architects, Toronto</li> <li>• CB Richard Ellis, DC</li> <li>• Securities &amp; Exchange Child Care Center, DC</li> <li>• Union of Concerned Scientists, DC</li> <li>• Gensler, TX</li> <li>• Shell Oil Company, TX</li> <li>• THW Design, GA</li> </ul>
<b>SILVER</b>	<ul style="list-style-type: none"> <li>• HW Design, GA</li> <li>• Firemans Fund Insurance, TX</li> <li>• Lancaster-Kiest Branch Library, TX</li> <li>• HUB-Cira Centre, PA</li> <li>• APS Training at Arizona Center, AZ</li> <li>• Arizona DEQ Multi-Use Parking, AZ</li> <li>• Oxford Properties Group, Toronto DC</li> <li>• Major League Ballpark, DC</li> <li>• Potomac Center North, DC</li> <li>• Horizon Wind Energy Corporate, TX</li> <li>• Trammell Crow Energy Center, TX</li> </ul>
<b>CERTIFIED</b>	<ul style="list-style-type: none"> <li>• McCormick Place West, IL</li> <li>• Aramark, PA</li> <li>• USAA Phoenix Campus, PA</li> <li>• High Point Community Center, WA</li> <li>• Microsoft, WA</li> <li>• Ernst &amp; Young, DC</li> <li>• Urban Land Institute, DC</li> <li>• Kirksey Corporate Office, TX</li> </ul>

# LEED CERTIFICATION

Modernfold constantly strives to utilize raw materials that are environmentally friendly and contribute to helping Green building projects achieve LEED Certification.

Specific examples include:

- 100% Recycled Gypsum
- NAUF (no added urea-formaldehyde) Fiberboard
- Water-Based Adhesives
- HAPs (Hazardous Air Pollutants) Free Paint
- Low VOC Touch-Up Paint

Modernfold makes every effort to recycle, reuse, or salvage our materials and scrap. In our manufacturing process, efforts such as the following contribute to our green initiative:

- Steel and Aluminum Recycled
- Wood Pallets and Cardboard Recycled
- Oils Captured and Reused
- Plastics Recycled
- Paper Recycled

If your project requires LEED certification, look to Modernfold to supply you with the tools you need to accomplish your goal. Modernfold provides job-specific LEED submittals upon request, with the exact point contributions dependent upon the particular products specified.

Modernfold products, when used correctly in a building's design, can help contribute to points associated with several LEED Categories.

- **MR Credit 1.3—Building Re-Use**
- **MR Credit 3.1/3.2—Material Re-Use**
- **MR credit 7—Certified Wood**
- **MR Credit 8.1/8.2—Daylight & Views**

Modernfold products can also contribute to LEED categories related to material content.

- **MR Credit 2.1/2.2—Construction Waste Management**
- **MR Credit 4.1/4.2—Recycled Content**
- **MR Credit 5.1/5.2—Regional Materials**
- **EQ Credit 4.1 /4.2/4.4—Low Emitting Materials**



# MODERNFOLD LEED CONTRIBUTION SUMMARY

Modernfold products can contribute to or comply with various LEED credit categories. The specific categories in which our products are evaluated will vary by order due to the customizable nature of our products. The following list is an overview of specific credit categories in which Modernfold products can be evaluated:

**Construction Waste Management**—Panels can be shipped on L-skids or uncrated to reduce waste.

**Recycled Content**—Modernfold products do contain recycled content and the percentage is job specific. Please contact us for a job specific submittal.

**Regional Materials**—The job site must be within a 500 mile radius of Dyersville, Iowa for Modernfold products to contribute to this category.

**Certified Wood**—Forest Stewardship Council certified wood can be applied to Modernfold products (Veneer, for example). Please contact your Account Manager for details.

**Low Emitting Materials**—Only adhesives, sealants, and paints applied at the job site are evaluated. In the event these materials need to be applied on-site, a list of low-VOC products is available on our partners' site.

**Composite Wood Products**—Modernfold will only use composite woods that contain no urea-added formaldehyde.

In addition, there are several design-oriented LEED credit categories in which operable partitions may be of assistance in contributing to the building's ability to achieve those credits. They are:

**Building Reuse**—Modernfold operable partitions can divide space in existing building.

**Material Reuse**—Under certain conditions, Modernfold operable partitions and track can be relocated into a different building.

**Daylight and Views**—Modernfold Glass Wall, MOVEO with glass, and Acousti-seal® with windows can all increase the visibility of natural daylight.

**Optimize Energy Performance**—Modernfold operable partitions can be used to thermally isolate space not in use.

**Thermal Comfort Control**—Heating controls operation can be configured to change when Modernfold operable partitions are extended or retracted.

**Lighting Systems Control**—Lighting controls operation can be configured to change when Modernfold operable partitions are extended or retracted.

Use of Modernfold operable partitions does not ensure that these credit categories will all be achieved in each building seeking LEED certification. Being a highly customizable product, the exact contributions and compliances will always depend on the specifics of a job. Modernfold will supply job specific LEED submittals upon request. Modernfold is also a member of the USGBC, which develops the LEED rating systems, and has participated in LEED workshops to gain an understanding of the credit categories relevant to our industry.

Modernfold, in conjunction with its worldwide Distribution partners, will continue to be the industry leader in operable partitions by providing the best products and the best information when it comes to green building practices. Please contact us with any questions or requests that you may have regarding Modernfold and LEED.

## Modernfold Recommended Low VOC Materials for Field Use Complies with LEED Credit Categories 4.1/4.2/4.4

### Solvents for removing adhesive:

- Acetone—Does contain VOCs (Volatile Organic Compound) but is exempted by the EPA; it has no HAPs (Hazardous Air Pollutants)
- Naptha—No HAPs (Hazardous Air Pollutants)

### Adhesives:

- Super 90 by 3M— A solvent-based contact adhesive; MSDS Sheet\*
- Sherwin Williams Vinyl over Vinyl Pro 555

### Cleaners:

- 409 by Clorox—No VOCs (Attachment)
- Naptha—No HAPs

### Lubricants:

- Petroleum Jelly—No VOCs

### Touch Up Paints:

- Modernfold's Touch-Up Paint—Meets recommended Low VOC content

### Steel Repair:

- Bondo by 3M - Meets recommended Low VOC content— Section 9\*

\* 3M Material Safety Data Sheet: [http://multimedia.3m.com/mws/mediawebserver?66666UfN&ZUxL99Xl8TX5XTf0Vu9KcuZgVU\\_LXT1u666666--](http://multimedia.3m.com/mws/mediawebserver?66666UfN&ZUxL99Xl8TX5XTf0Vu9KcuZgVU_LXT1u666666--)



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