



Panefold[®]
INNOVATIVE SPACE DIVISION SYSTEMS[™]



**USGBC
LEED**



**Environmental
Sustainability
Report**

The LEED[®] (Leadership in Energy and Environmental Design) Green Building Rating System is the nationally accepted benchmark for the design, construction and operation of high performance green buildings.

**Certiably
Greener
Buildings**



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MR Credit 1.2: Building Reuse-Maintain Interior Nonstructural Elements - 1 Point

Panelfold® products can contribute to this LEED credit if they are reused during additions or renovations.

MR Credit 3: Materials Reuse - 1 Point

Panelfold products can contribute to this LEED credit if they are reused during additions or renovations.

MR Credit 4: Recycled Content - 1 or 2 Points

All new Panelfold products have recycled content. 28 of 32 models help your projects achieve 2 LEED points (for 20% min.) or 1 LEED point (for 10% min.) recycled content.

The recycled content value is determined by multiplying the product's delivered price by the sum of the product's Post-C% + 1/2 Pre-C% recycled contents, by weight, as summarized in the next 3 charts:

Modulflex® Operable Partitions

Product Configuration				Recycled Content*		Post-C % + 1/2 Pre-C %
Series	Model	Face	Track	Post-C %	Pre-C %	
400 600	x10	Gyp	Alum	8.8	20.3	19.0
			Steel	12.0	17.7	20.8
		Steel	Alum	13.4	16.1	21.5
			Steel	15.3	14.6	22.6
		MDF	Alum	15.2	70.9	50.7
			Steel	17.7	62.6	49.0
	x20 x30 x40	Gyp	Alum	9.7	20.4	19.9
			Steel	11.0	17.4	19.7
		Steel	Alum	14.0	16.2	22.1
			Steel	14.6	43.3	21.8
		MDF	Alum	16.0	70.0	51.0
			Steel	16.8	63.2	48.4
500 800	x10	Steel	Alum	15.5	13.8	22.4
			Steel	18.0	15.9	26.0
	x20 x30, x40		Alum	14.3	13.3	21.0
			Steel	16.2	15.2	23.8

* Pre-C = Pre-Consumer; Post-C = Post-Consumer

Continued - MR Credit 4: Recycled Content

PrimeSpacer® Portable Partitions

Product Configuration			Recycled Content		Post-C % + 1/2 Pre-C %
Series	Model	Face	Post-C %	Pre-C %	
350		Gyp	5.8	18.1	14.9
		Steel	11.9	14.3	19.0
		MDF	13.1	75.7	51.0
360		Gyp	5.6	18.4	14.8
		Steel	11.7	14.4	19.0
		MDF	12.9	75.9	50.9

Accordion Doors and Partitions

Product Series or Model	Recycled Content		Post-C % + 1/2 Pre-C %
	Post-C %	Pre-C %	
Sonicwal®	14.0	70.1	49.1
Fabricwal® Acoustical	15.7	14.6	23.0
Fabricwal Non-Acoustical	9.8	20.5	20.1
Scale®, Signature®	13.0	74.4	50.2
Criterion®	0.6	12.1	6.6
Halo™, Visio™, Lucent™	0.3	10.0	5.3

MR Credit 5: Regional Materials - 1 or 2 Points

All products are manufactured at Panelfold's factory in Miami, Florida 33167, USA.

Currently, the percentages of materials used in our products that are extracted, harvested or recovered within 500 miles of our factory are not enough to contribute to LEED Regional Materials credits.

MR Credit 6: Rapidly Renewable Materials - 1 Point

Panelfold products can be customized to incorporate rapidly renewable materials. Such customizations may be subject to availability and price.



MR Credit 7: Certified Wood - 1 Point

Medium Density Fiberboard (MDF) is used with:

- **Scale®**, **Signature®** and **Sonicwal®** accordion doors and partitions.
- **Moduflex®** Series 400 and Series 600 operable partitions ordered with MDF substrate in lieu of gypsum substrate.
- **PrimeSpacer®** portable partitions ordered with MDF substrate in lieu of gypsum substrate.

The MDF is certified as an Environmentally Preferable Product (EPP) by the Composite Panel Association (CPA) in accordance with the Forest Stewardship Council's (FSC) standards and exceeds the requirements of California Air Resources Board (CARB) Phase 1.

As quoted by the Composite Panel Association:

"By their very nature, composite wood panels are among the greenest building materials available to consumers. They are produced from pre- and post-consumer recycled wood and wood residuals that would otherwise be wasted or end up in landfills, making exceptional use of our valuable wood resource. They take less energy to make than other building materials and produce fewer harmful by-products. And, they can be reused or left to biodegrade naturally when their service life is done".

If your project uses MDF, please refer to the charts below to determine the Certified Wood Value by multiplying the product's delivered price by the MDF weight percentage.

Moduflex® Operable Partitions

Product Configuration				MDF Weight Percentage %
Series	Model	Face	Track	
400 600	x10	MDF	Alum	64.1
			Steel	56.8
	x20 x30, x40	MDF	Alum	62.7
			Steel	58.0

PrimeSpacer® Portable Partitions

Product Configuration			MDF Weight Percentage %
Model	Face		
350	MDF		73.0
360	MDF		72.9

Sonicwal®, Scale® and Signature® Doors and Partitions

Product Series	MDF Weight Percentage %
Sonicwal	79.3
Scale, Signature	84.6

IEQ Credit 4.1: Low-Emitting Materials - Adhesives and Sealants - 1 Point

Panelfold products do not require adhesives or sealants to be applied on site.

IEQ Credit 4.2: Low-Emitting Materials - Paints and Coatings - 1 Point

Panelfold products do not require paints or coatings to be applied on site.

IEQ Credit 4.4: Low-Emitting Materials - Composite Wood and Agrifiber Products - 1 Point

NAF MDF

Panelfold stocks No Added Formaldehyde Medium Density Fiberboard (NAF MDF) which is available as an added cost option on the following products:

- **Scale**, **Signature** and **Sonicwal** accordion doors and partitions, up to 12 feet in height, ordered with NAF MDF in lieu of standard MDF.
- **Moduflex** Series 400 and Series 600 operable partitions, in all heights, ordered with NAF MDF substrate in lieu of gypsum substrate.
- **PrimeSpacer** portable partitions, in all heights, ordered with NAF MDF substrate in lieu of gypsum substrate.

The NAF MDF is certified as an EPP by the CPA in accordance with the FSC's standards and exceeds the requirements of CARB Phases 1 and 2.

Panelfold standard MDF is also certified as an EPP and exceeds the requirements of CARB Phase 1.

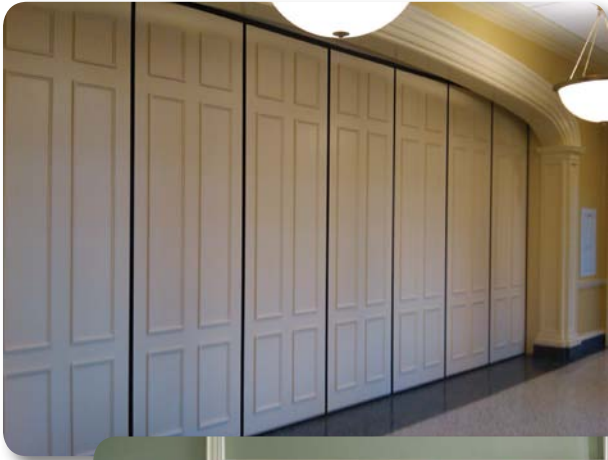
EPP certificates available upon request.

ADHESIVES

Panelfold laminating adhesives contain no added urea-formaldehyde resins.



Some important green techniques we employ are:



✓ Selecting suppliers that provide higher percentages of recycled content and employ green standards for the materials used in our products.

✓ Obtaining forestry products from certified Environmentally Preferable Product (EPP) suppliers in accordance with the Forest Stewardship Council's (FSC) standards.

✓ Using low or no VOC adhesives, sealants, paints and coatings inside our factory.

✓ Recycling the cooling water utilized in our extrusion plant using recirculation systems.

✓ Using vacuum systems with air filtration to capture dust from our milling machines, pulling it out of the area and collecting it in a central location for safe storage and disposal.

✓ Using air filtration systems to capture VOC's from our glue and paint spray booths and emit clean air back into the environment.

✓ Recycling our scrap materials back into the supply chain.

✓ Panelfold products can also be disassembled after use and any steel, aluminum or MDF is easily recycled.

✓ Providing LEED credit data for certifiably Greener Buildings.

Does your project need LEED credits?

Obtain information here and at panelfold.com/sustainability

Panelfold® fully supports the goals of the U.S. Green Building Council's (USGBC) LEED Green Building Project Certification Program as well as the efforts of project teams to ensure that all materials and resources selected meet their environmental performance standards.

Panelfold products can help your Green Building projects achieve LEED credits for Materials Reuse, Recycled Content, Certified Wood and Indoor Environmental Quality.

For complete information about the USGBC's LEED program, visit usgbc.org/leed.



Criterion®, Decotex™ Green, Fabricwal®, Halo™, Innovative Space Division Systems™, Lucent™, Moduflex®, Panelfold®, the Panelfold Logo™, PrimeSpacer®, Scale®, Signature® Series, Sonicwal® and Visio™ are either registered trademarks or trademarks of Panelfold, Inc in the United States and/or other countries. USGBC and related logo is a trademark of the U.S. Green Building Council and is used by permission.