

MARVEL®

SYSTEMS SEATING STORAGE AUDIO VISUAL

FURNITURE FOR A GREENER WORK ENVIRONMENT



Proudly manufacturing products
achieving GREENGUARD certification

MARVEL ENVIRONMENTAL STATEMENT:

The Marvel Group, Inc. is proud of our ongoing commitment to responsible environmental policies and manufacturing processes. Safeguarding the earth's vital resources through conservation, technology application and progressive emission controls is a responsibility embodied in our manufacturing, sourcing and marketing practices. These efforts and a corporate culture of responsible stewardship give our associates and customers the reassurance they demand in partnering with an environmentally responsible company.



THE MARVEL ADVANTAGE:

- Marvel Zapf®, Pronto®, and MW® are comprised of non-emitting aircraft grade aluminum or responsibly produced steel components.
- Our steel suppliers currently use a variety of sources for recycled scrap. 100% of steel scrap is upcycled into counterbalance weights or it is recycled by the steel manufacturer.
- Marvel® uses a low-emitting, VOC free powered coat finish. Our unique, environmentally safe powder coating process eliminates vapor emissions and 95% of our over spray is recycled.
- Marvel® uses a Homasote base for tackboards. It is a GREENGUARD Indoor Air Quality Certified®, formaldehyde-free, cellulose product made from recycled paper.
- Marvel® offers Victor 100% Eco-Intelligent® Polyester panel and seating fabric. They are nontoxic, chlorine-free, antimony-free, free of PBTs and can be safely and perpetually recycled.
- We bulk package orders to reduce the amount of cartons used to reduce waste and make disposal easier for the customer.

HOW MARVEL CAN MAKE YOUR BUILDING GREEN:

The USGBC Leadership in Energy and Environmental Design (LEED) Green Building Rating System evaluates the environmental performance of a building. Professionals can improve the environmental quality of buildings to promote a profitable, healthy place to work by gaining LEED points and achieving LEED certification. Marvel Zapf®, Pronto®, MW®, and Storage Systems can help customers earn LEED credits to improve the quality of workplaces and have a positive impact on public health and the environment.

**The Marvel Group, Inc.
is a proud past recipient
of the Illinois Governor's
Pollution Prevention Award**

CREDIT	CREDIT NAME	INTENT	REQUIREMENTS	HOW MARVEL CONTRIBUTES	POINTS
MATERIALS AND RESOURCES					
MR 4.1, 4.2	Recycled Content (post-consumer + 1/2 pre-consumer)	Increase demand for building products that incorporate recycled content materials, therefore reducing impacts resulting from extraction and processing of virgin materials.	Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes 10%, 20% of the total value of materials in the project.	Marvel Zapf® Pronto® MW, and Storage are comprised of high recycled content to reduce raw material usage, energy consumption and landfill waste. Marvel® has reduced the amount of raw materials needed for the manufacturing process. Aluminum frame comprises 90% of each panel and contains 70% post-consumer recycled aluminum. Steel supports, storage and other components contain 15% post-consumer recycled steel. 100% of steel is recycled at Marvel®.	1
MR 4.1, 4.2	Recycled Content (post-consumer + 1/2 pre-consumer)	Increase demand for building products that incorporate recycled content materials, therefore reducing impacts resulting from extraction and processing of virgin materials.	Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes 10%, 20% of the total value of materials in the project.	Victor Asana, Particule, Martini, Orbit and Riviere fabrics contain 80% pre-consumer recycled content and 20% post-consumer (100% recycled). Victor Eco-Intelligent® Polyester used on Marvel® panels, tackboards, and chairs are MBDC Cradle to Cradle Gold certified. Eco-Intelligent® Polyester fabrics are antimony, chlorine and PBT free and recyclable with no hazardous by-products that are produced with traditional polyester.	1
MR 5.1	Regional Materials	Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the regional economy and reducing the environmental impacts resulting from transportation.	Use minimum of 20% combined value of construction materials and products that are manufactured regionally within a 500 mile radius.	Marvel® products can contribute to this credit for jobsites that are within 500 miles of Chicago, IL.	1
INDOOR ENVIRONMENTAL QUALITY					
EQ 4.5	Low-Emitting Materials Systems Furniture and Seating	Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and well being of installers and occupants.	Must be Greenguard Indoor Air Quality Certified or have indoor air concentrations that are less than or equal to a procedure based on the U.S. EPA's Environmental Technology Verification (ETV) Large Chamber Test Protocol.	Marvel Zapf® Pronto® MW and Storage and are GREENGUARD Indoor Air Quality Certified®. All of the Marvel® Greenguard Certified Products also comply with ANSI / BIFMA X 7.1 – 2000 / M7.1 – 2007. Marvel® tackboards are constructed of Homasote, a core material composed mostly of cellulose fibers. The tackboards, along with other Marvel® products, have earned GREENGUARD certification, which shows that they comply with TVOC, Formaldehyde and Total Aldehyde emission levels set forth within the GREENGUARD Certification Standards for Low-Emitting Products. Aluminum panel frames do not emit any fumes.	1
EQ 6.1	Controllability of Systems, Lighting	Provide a high level of lighting system control for individual occupants, and specific groups in multi-occupant spaces, to promote the productivity, comfort and wellbeing of tenant space occupants.	Allow at least 90% of occupants to manage lighting controls, enabling adjustments for individual preferences.	Marvel® may contribute to this credit through the use of individual task lights under overhead units that allow end users to control.	1
EQ 8.1, 8.2, 8.3	Daylight and Views	Provide for the occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the tenant space.	At least 75% or 90% of occupied areas have a direct line of sight to the outdoors. Achieve a direct line-of-site to outdoor environment for building occupants in 90% of all regularly occupied areas.	Marvel® products may contribute to this credit by combining Zapf® Systems and Freestanding furniture to allow direct access to daylight. Zapf® Systems offer low panels, half glazed and clearstory panels for occupants to have a variety of privacy and exposure to the outdoors.	1-3

THE MARVEL® GROUP, INC. is located in Chicago, a central location for innovative design and manufacturing. As a manufacturer we recognize the importance of conserving the environment and promoting environmentally responsible, healthy work settings.

We manufacture all of our products in our full EPA compliant factory. Through our manufacturing processes and environmental policies we are able to contribute to high performance green buildings. Marvel Zapf®, Pronto®, Modular Workstations®, Ensemble Storage, and Vizion® Audio Visual Furniture are all GREENGUARD Certified and are conducive to achieving LEED points. We are determined to continuously strive to make improvements to better your office needs and our environment.



ALLEGRA®
WORKCHAIRS

VIZION®



ENDEAVOR®
WORKCHAIRS

PRONTO®

TECHNICAL SPECIFICATIONS:

- Marvel® products feature a Lifetime Warranty.
- Marvel® is registered to ISO 9001:2008 by UL DQS Inc. accreditation, the most difficult standard to attain.
- Panels, support components, and electrical are UL/cUL 1286 listed.
- Panels are Class A fire rated.
- All products conform to the ANSI BIFMA standard.
- Noise Reduction Coefficient is .70 and Sound Transmission Class (STC) is 24.
- All electrical components are UL listed; 8 wire, 4 circuit electrical system.
- Textured powder coat finish on all metal for scratch and glare resistance.

TERMS TO KNOW:

Volatile Organic Compounds (VOCs) – Off gases of non-sustainable compounds.

Carbon Dioxide (CO2) – Colorless and odorless greenhouse gas that blocks the earth's heat from escaping the ozone.

Green House Gases (GHGs) –The gases present in the earth's atmosphere which reduce the loss of heat into space and therefore contribute to global temperatures.

Carcinogenic Materials – Any substance or agent that tends to produce a cancer.

Upcycling –The practice of taking something that is disposable and transforming it into something of greater usage and value.

Downcycling – Recycling a material into a material of lesser quality.

