

## Allsteel Inc. Environmental Data Sheet For Office Furniture

Section 1. Identity			
Product:	<b>Concensys Panel , Model Number:</b> 896936P.GL973.P02 <sup>1</sup>		
Manufacturer:	Allsteel Inc. 2210 Second Avenue Muscatine, IA 52761		
General Contact:	Customer Support Department 888-255-7833 <a href="http://www.allsteeloffice.com">http://www.allsteeloffice.com</a>		
Technical Contact:	Keri Luly (563) 272-7301 <a href="mailto:lulyk@allsteeloffice.com">lulyk@allsteeloffice.com</a>		
Notes: 1. This example is intended to be typical and representative of all Concensys panel products in construction, materials, and processes.			
Section 2. Major Material Description			
Material	Percentage by Weight	Recycled Content	End -of-Life Management <sup>1</sup>
Steel	66%	25% PC	Recycle
Hexacomb Corrugate	9%	22% PI	Recycle where possible
Fiberglass	12%	45% PC	Recycle where possible
Fabric	4%	Up to 100% PC	Recycle where possible
Miscellaneous	6%	N/A	Not easily disassembled
Aluminum	3%	0% PC 0% PI	Recycle
Corrugated Packaging <sup>2</sup>	N/A	74% PC avg	Recycle where possible
Inputs for LEED-CI MR 4.1 & 4.2 credits	Recycled Content	26% Post-Consumer 0% Pre-Consumer (PI)	RC Value factor = 0.26 <sup>3</sup>
Comments:			
<ol style="list-style-type: none"> <li>Allsteel complies with the Federal Trade Commission's Part 260 <i>Guide for the Use of Environmental Marketing Claims</i>. Product recyclability depends on local programs.</li> <li>Allsteel encourages the use of bulk packaging and blanket wrap where appropriate.</li> <li>Adding 50% of the post-industrial recycled content and 100% of the post-consumer recycled content and then dividing the resulting weight by the total weight of the product derives the value factor. Multiplying the value factor by the total purchase price of the product determines the product's contribution toward the Project's recycled content threshold.</li> </ol>			
Section 3. Process Description			
<ul style="list-style-type: none"> <li>Steel is formed from pre-painted steel and welded into inner frame</li> <li>Fiberglass and hexacomb are attached using hot melt-adhesive.</li> <li>Fabric is then tucked into the frame and retained by mechanical fasteners</li> <li>Miscellaneous components are attached using mechanical fasteners</li> <li>Corrugated protectors are placed on the panel and then stretch wrap is applied to the entire unit</li> </ul>			
Section 4. Indoor Air Emissions			
Test Methodology: CA Spec 1350	Test Location: Berkeley Analytical, Richmond, CA	Original Test Date: 5/10/05	
Test Methodology: CA Spec 1350	Test Location: Berkeley Analytical, Richmond, CA	Date: 05/09/2008	
Indoor Air Quality Certification	Scientific Certification Systems (SCS)	Indoor Advantage Gold <sup>2</sup>	
Standard	Compound	Criteria	Acceptable
BIFMA X7.1 – 2007	TVOC	≤0.5 mg/m <sup>3</sup>	Yes
	Formaldehyde	≤50 ppb	Yes
	Total Aldehydes	≤100 ppb	Yes
	4-phenylcyclohexene	≤0.0065 mg/m <sup>3</sup>	Yes
Cal. Specification 1350-2006	Chronic Ref Exposure Levels	Various	
Title VI of the 1990 Clean Air Act Amendments. (CFCs & HCFCs)	This product does not contain and is not manufactured with ozone depleting chemicals.		
U.S. Occupational Safety & Health Administration (OSHA) <sup>1</sup>	Formaldehyde	< 0.10 ppm	Yes
World Health Organization (WHO)	Formaldehyde	< 0.10 ppm	Yes
United States Green Building Council Leadership in Energy and Environmental Design (USGBC LEED-CI EQ Credit 4.5 Systems Furniture Option C)	TVOC	≤0.5 mg/m <sup>3</sup>	Yes
	Formaldehyde	≤ 50 ppb	Yes
	Total Aldehydes	≤ 100 ppb	Yes
	4-phenylcyclohexene	≤0.0065 mg/m <sup>3</sup>	Yes
Notes: Additional data may available upon request.			
<ol style="list-style-type: none"> <li>OSHA – (29 CFR) 1910.1048</li> <li>Tested and certified as part of a complete BIFMA typical open plan workstation per BIFMA X7.1 &amp; M7.1-2007</li> </ol>			

**Section 5. In Service Maintenance Instructions**

**Painted Surfaces:** ordinary accumulation of grime, coffee stains, etc., can be removed with warm water and mild soap or an ammonia based foam glass cleaner. Wipe with a clean cloth. Never use caustic solutions or abrasives.

**Panel Fabrics:** for cleaning of complete panels, a professional cleaning service is recommended. For spot cleaning, lift out the dirt with an aggressive tape. Keep rotating and pressing the tape over the dirt and remove as much dirt as the tape will remove. Blot with a sponge using the foam from a mild detergent or upholstery shampoo per manufacturer's directions. Rinse well with a clean sponge to remove traces of water-based cleaning agents. It is recommended to pretest a small area before proceeding to spot clean the fabric any further.

**Section 6. Non-Obsolescence Statement**

Allsteel warrants its products to be free from defects in material and workmanship for as long as the original purchaser owns them. Allsteel shall repair or replace with comparable product (at Allsteel's discretion), free of charge, any Allsteel product or component manufactured after July 9, 2006 that fails under normal commercial office use.

I. This warranty does not apply to:

- Normal wear and tear over the course of ownership.
- Modifications or attachments to the product not approved by Allsteel.
- Products not installed, used, or maintained in accordance with product instructions and warnings.
- Products used for rental purposes.
- Damage caused by the carrier in-transit, which is handled under separate terms.
- A Customer's Own Material (COM) selected by, and used at the request of, a user.

To the extent allowed by law, Allsteel makes no other warranty, either express or implied, including any warranty of merchantability or fitness for a particular purpose. Allsteel will not be liable for any consequential or incidental damages.

This Warranty applies only to products sold within the United States and the Commonwealth of Canada.

Your Allsteel Dealer is our mutual partner in supporting your warranty requests. To obtain service under this warranty please contact your Allsteel Dealer.

**Section 7. Manufacturer Commitment**

Vision Statement	Yes. Encompasses sustainability in social, economic practices. Encourages and commits financial resources to community involvement.
Environmental Policy	Yes. Enterprise Sustainability Policy, Environmental Policy, Design for the Environment Procedure
Environmental Management Program	Yes. Integrated into mainstream manufacturing. Strong emphasis on environmental consideration during changes in material and processes. Generally aligned with ISO 14001.
Waste Minimization	Yes. Focus is broad based elimination of waste in every form.
Recycling Program	Yes. Office and manufacturing plus ongoing educational out-reach programs. Strong emphasis on "pre-cycling".
Audits	Yes. Monthly self audit program implemented through the Environmental Management training process. Internal audits are conducted by formal procedure. EHS program is periodically audited by outside consultant.

**Section 8. Applicable Programs and Ratings**

Program	Applicability / Standard	Rating
ANSI/BIFMA	ANSI/BIFMA X5.6-2003	Pass
Fire/Smoke Testing	ASTM E84 / UL 723	Acoustic Panels – Tested May 2006 Class A Rating, Flame Spread 10, Smoke Dev.40
		Non-Tackable Panels – Tested: Sept. 2003 Class C Rating, Flame Spread 140, Smoke Dev 400
		Tech & Stacking Panels – Tested: July 2002 Class A Rating, Flame Spread 0, Smoke Dev 0
Sound Absorption <sup>1</sup>	ASTM C 423-02	Acoustic Panels – Tested: May 2006 NRC = 0.55
		Non-Tackable Panels –Tested: Sept. 2003 NRC = 0.15
Sound Transmission Loss <sup>1</sup>	ASTM E 90-02	Acoustic Panels – Tested: May 2006 STC = 15
		Non-Tackable Panels –Tested: Sept. 2003 STC = 22

Note:

1. Testing conducted at Riverbank Acoustical Laboratories, accredited by the U.S. Dept. of Commerce, National Institute of Standards and Technology (NIST) under the National Volunteer Laboratory Accreditation Program (NVLAP)