

GALAXY ENVIRONMENTAL DATA SHEET

CALCTRA
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Product: Galaxy Product Category: Frame and Tile System

PANEL FRAME

Design

Office furniture systems are required to endure a great deal of strain due to usage over their life span. As a result, durability was a major criteria in the design of the Galaxy system. Durability, in conjunction with interchangeable tiles and stackable panels, increases the longevity of Galaxy's life span. The majority of components used to build the system can be disassemble for recycling separation at the end of its life.

Manufacturing

Location: Toronto, Ontario

Process: Welding / Powder Painting / Assembly

Composition of Materials (LEED NC & CI Credit 4.1 and 4.2)

Material	Percentage by Weight	Recycled Content	Ability to Recycle (% recyclable)
Steel	93%	25%	100%
Powder Paint			
Plastic connectors	2%		100%
Aluminum	5%		100%

Notes:

Indoor Air Quality

Test Methodology:	GREENGUARD	Test Location:	Marietta, Georgia
		Test Date:	10/15/2008

Standard	Analyte	Criteria	Conformance
	Formaldehyde	0.025 ppm	✓
	TVOC	0.250 mg/m ³	✓

State of Washington (SOW) Meets 1/10th TLV for emitting VOCs

Meets any regulated primary or secondary National Ambient Air Quality Standard (NAAQS)

U.S. Environmental Protection Agency (EPA)	TVOC	0.25 mg/m ³	✓
	Formaldehyde	0.025 ppm	✓
	Total Aldehydes	0.05 ppm	✓
	4-phenylcyclohexane	0.0065 mg/m ³	✓

Title VI of the 1990 Clean Air Act Amendments (CFCs & HCFSs) This product does not contain and is not manufactured with ozone depleting chemicals.

U.S. Occupational Safety & Health Administration (OSHA) Formaldehyde 0.10 ppm

World Health Organization (WHO) Formaldehyde 0.10 ppm

United States Green Building Council Leadership in Energy and Environmental Design (LEED-CI)	TVOC	<0.25 mg/m ³	✓
	Formaldehyde	<0.025 ppm	✓
	Total Aldehydes	<0.05 ppm	✓
LEED-CI Credit 4.5	4-phenylcyclohexane	<0.0065	✓

GREENGUARD	TVOC	<0.25 mg/m ³	✓
	Formaldehyde	<0.025 ppm	✓
	Total Aldehydes	<0.05 ppm	✓
	4-phenylcyclohexane	<0.00325	✓

Notes: Additional data and test results available upon request

Applicable Programs and Ratings

Program **Applicability/Standard** **Rating**

BIFMA Furniture Emission Standards Option C Compliance, October 2007

LEED-CI Materials and Resources Credit 4.2

Indoor Environmental Quality Credit 4.5 - Meets Indoor Air Quality Specifications

ISO 14001:2004 Environmental Management Systems Compliance

Notes: 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 value of the product determines the product's contribution toward the Project's

FABRIC TILE**Design**

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Manufacturing

Location: Toronto, Ontario

Process: Steel fabrication / Upholstery

Composition of Materials (LEED NC & CI Credit 4.1 and 4.2)

Material	Percentage by Weight	Recycled Content	Ability to Recycle (% recyclable)
Steel	97%	25%	100%
Fabric	3%	100%	Recycle where possible

Notes:**Indoor Air Quality**

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