

## Executive Summary

Allsteel Inc., identified its new Acuity office chair as the first product for Cradle to Cradle<sup>SM</sup> Certification. MBDC worked with Allsteel and its component suppliers to complete data collection for product ingredients and additional certification criteria.

Project challenges included finding a replacement material for traditional polyvinyl chloride (PVC), improving the profile of recycled aluminum, collecting ingredient data from Asian suppliers, and replacing material suppliers to use ones who could provide full ingredient disclosure. There was extensive education of and follow-up with direct suppliers, as well as refinement of material ingredient specifications in order to have a certified product.

However, these initial challenges should help begin to build a certifiable materials palette, supplier knowledge base, and internal Allsteel capacity for future product certifications. Furthermore, this ingredient data and assessment results will help guide material optimization over time. Collected energy, water, and social responsibility data also will help facilitate certification at the Gold tier in the future.

The Acuity chair has successfully fulfilled the certification criteria at the following tiers:

Criterion \ Tier	Silver	Gold	Platinum
Material	■		
Material Reutilization / Design for Environment	■		
Energy		■	
Water		■	
Social Responsibility	■		

The Acuity chair is Cradle to Cradle Certified<sup>CM</sup> at the Silver tier through February 2009 (pending timely ingredient data collection during the next several months). At the conclusion of the first year, Allsteel will have the option to recertify the chair, based on progress toward stated objectives for replacing RED components and any improvements on the criteria of energy, water, and social responsibility.

This certification was completed under v.1 criteria, which means Allsteel will need to meet v.2 criteria for the chair following January 2010. For more information on the certification process and criteria, please visit [www.c2ccertified.com](http://www.c2ccertified.com).

Please note this chair certification does not mean individual components are certified. Allsteel's material suppliers may not promote their products as certified.

# What is Cradle to Cradle Design?

Cradle to Cradle Certification provides Allsteel with a means to tangibly, credibly measure achievement in environmentally-intelligent design and helps us purchase and specify products that are pursuing a broader definition of quality.

This means:

- Using environmentally safe and healthy **materials**
- Design for **material reutilization**, such as recycling or composting
- The use of renewable **energy** and energy efficiency
- Efficient use of **water** and maximum water quality associated with production
- Instituting strategies for **social responsibility**

Allsteel is continually striving to make positive environmental impacts and we are proud to say Acuity is Cradle to Cradle Certified<sup>CM</sup> Silver.

