



## **Adotta and LEED**

Adotta "Metafora" interior glass partition wall system can help commercial interior projects in obtaining points and fulfilling requirements towards becoming LEED-CI certified. Adotta America is a member of the USGBC, and we have developed an environmental policy to emphasize our commitment to the health of the environment.

It is important to know that no product alone can earn points. The following list explains the possible contribution that our product can make to the fulfillment of each guideline, based on LEED-CI 2.0 guidelines. However, the use of Adotta must be complemented with other design features and strategies in order to fully comply with each criterion.

Please refer to [www.usgbc.org/leed](http://www.usgbc.org/leed) for the complete LEED Rating System.

### **EQc8.1 Daylight and Views, Daylight 75% of Spaces (1 Point)**

### **EQc8.1 Daylight and Views, Daylight 90% of Spaces (1 Point)**

### **EQc8.1 Daylight and Views, Daylight 90% of Seated Spaces (1 Point)**

One of the criteria in which Adotta is very helpful is EQ 8 Daylight and Views, which requires to "provide 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...achieve direct line of sight to the outdoor environment for building occupants in (at least) 75% of all regularly occupied areas...line of sight may be drawn through interior glazing".

This requisite alone can earn your project up to 3 points if met.

Adotta system includes glass with low-emission and excellent visible light transmission, with outstanding solar control, which helps maximize natural light and views.

Like many other criteria, integration of the Adotta glass system with other architectural features, like perimeter vision glazing in this case, can maximize the potential to earn points.

### **EAp2 Minimum Energy Performance (required)**

### **EAc1.1 Optimize Energy Performance, Lighting Power (3 points)**

Adotta can also make a contribution in your LEED project by optimizing the overall energy efficiency of the spaces by significantly reducing the need for electrical lighting.

Our product allows the use of natural daylight to illuminate regularly occupied spaces, and the sharing of daylight between offices.

Adotta works with glass suppliers that develop coated glass with super-insulated coatings that save energy used for heating, while solar control coatings save energy used for air conditioning. We also provide shading options so the occupants can regulate the amount of natural light that enters the space.

### **MRC2.1 Construction Waste Management, Divert 50% from Landfill (1 point)**

### **MRC2.2 Construction Waste Management, Divert 75% from Landfill (1 point)**

Our product installation process is carefully designed and planned to reduce waste of

material to the minimum possible, thus generating very little installation waste. Our product's structural frame is made of aluminum, which is totally recyclable and on demand, eliminating waste entirely.

We divert 100% of our installation and crating waste from landfill, and we can also help integrate our waste into any building construction waste management plan.

**MRc4.1 Recycled Content, 10% (post-consumer + 1/2 pre-consumer) (1 point)**

**MRc4.2 Recycled Content, 20% (post-consumer + 1/2 pre-consumer) (1 point)**

Our glass suppliers and manufacturers have environmental policies that encourage recycling practices. Their products contain a minimum of 20% recycled glass (in some cases up to 40%).

The use of cullet avoids CO2 emissions, since cullet requires less energy to melt and replaces natural resources' raw materials and save carbonated raw materials. Around 700,000 tons of cullet is recycled per year, saving about 800,000 tons of raw materials and about 200,000 tons of CO2 emissions.

**MRc5.1 Regional Materials, 20% Manufactured Regionally (1 point)**

While our aluminum profiles are manufactured in Italy, we can provide glass panels and wood or glass doors manufactured within the required 500-mile radius from the project site.

We work with qualified glass manufacturers experienced with Adotta in Seacaucus, NJ (plant located 5.4mi from NYC), and in Toronto, Ontario, Canada (plant located 375 from NYC). We also work with qualified and Adotta experienced wood door manufacturer in Toronto, Ontario, Canada (plant located 350 from NYC).

**MRc7 Certified Wood (1 point)**

Wood doors used within our interior partition system can be made of FSC certified wood per request, making all our installed wood products 100% certified.

**IDc1 Innovation in Design (1-4 points)**

Integrating Adotta in your project can also be a part of achieving the incorporation of other strategies or measures not covered by LEED, such as acoustic performance, etc.

**IDc2 LEED Accredited Professional (1 point)**

We have our own LEED-AP within our staff, to ensure achievement of the maximum environmental contribution of our product, as well as being available for LEED support on the overall project.

**EQc4.1 Low-Emitting Materials, Adhesives and Sealants (1 point)**

**EQc4.2 Low-Emitting Materials, Paints and Coatings (1 point)**

**EQc4.3 Low-Emitting Materials, Composite Wood and Laminate Adhesives (1 point)**

All of the materials used for and during the installation of Adotta are low-VOC.

This includes profiles, glass, wood doors and hardware, as well as adhesives, sealants, paints, coatings, laminates and primers.

In all, our product can contribute to the achievement of up to 17 points. For a project to be LEED certified, it has to achieve at least 21 points, so every point is very valuable.

We have documentation and tests available, and we are in the best disposition to provide our clients with all of our product's information they could need to develop LEED-CI project successfully.