



LEED COMPLIANCE

Product: Nello Reflections Movable Wall System

Product Type: Floor-to-Ceiling Movable Walls

Areas of LEED Compliance: Use of recyclable materials, low emitting materials, use of regional suppliers, regional manufacturing, product is virtually 100% reusable, long product life, innovative and simplistic design.

Reusability: Our product is 100% reusable.

Recyclability: Our product is virtually 100% recyclable. Our interior steel frame and exterior aluminum frame can be recycled and reused. Our two most popular finish options, glass and fabric, are sustainable and recyclable. Nello's use of Terratex fabrics is one of the ways we demonstrate our commitment to sustainability. This broad range of fabric choices is made from 100% recycled or compostable products.

Life Cycle: The product has a long product life. Our initial large installation in Columbia, MD is 36 years old. The product is still in full use and still looks good.

Materials: We are vigilant in the materials we use. All components are thoroughly tested with respect to end users health and environmental issues. Over our 36 years, our record remains perfect in this area.

Recycled Content Example

A wall, 12 lineal feet long, and 9 feet high, standard fabric finish. Total weight: 724 Lbs.

Recycled Amount: 303 lbs. Percentage: 42%

 Post Consumer: 116 lbs. Percentage: 16%

 Pre Consumer: 188 lbs. Percentage: 26%

Recyclable Content: 722 lbs. Percentage: 99%



LEED CI - Commercial Interiors

Category	Item	Credit	Contribution
Building Reuse	MR 1.2	1 pt.	Movable walls can be moved to renovate an existing space reducing the cost and waste of new construction.
Materials & Resources	MR 2.1 (construction waste management)	1 pt.	<p>Nello Movable Walls are manufactured to fit building dimensions and eliminate construction waste. In traditional drywall construction more than 10% is scrap that ends up in a landfill. Almost a third of all landfill results from construction waste, and more than half of that is from commercial buildings.</p> <p>Our packaging materials are 100% recyclable.</p> <p>Nello uses modular electrical and data systems eliminating wiring waste.</p> <p>Nello Movable Walls attach to the ceiling grid without damage. This allows 100% reuse of existing ceilings.</p> <p>Nello Movable Walls reduce life cycle costs.</p>
Resource Reuse	MR 3.1 & 3.2 (5%/10%)	1-2 pts.	<p>Nello Movable Walls are designed to move from one space to another reducing demolition in the old space and requiring fewer resources in the new space.</p> <p>Nello Movable Walls support certain other manufacturer's furniture products. Existing furniture inventories can be reused and incorporated in a new environment</p>



LEED CI - Commercial Interiors

Category	Item	Credit	Contribution
Materials & Resources	MR 4.1 & 4.2 (recycled content)	1-2 pts.	Post-consumer 18% + ½ pre-consumer (14%) = 25%.
Materials & Resources	MR 5.1 (regional materials)	1 pt.	Nello Walls are manufactured in Elkridge, MD. To date, over 90% of our installations have been within 500 miles of this factory.
Indoor Environmental Quality	EQ 3.1 & 3.2	1-2 pts.	Nello Movable Walls are fabricated off-site eliminating job-site waste, dust generation, and the corresponding clean up required.
Indoor Environmental Quality	EQ 4.1 (low emitting materials)	1 pt.	Nello uses a unique method of manufacturing standard walls when fabric is the selected finish. The fabric is not glued to the substrate material, but put under a slight tension and captured at the sides between interior and exterior metal frames.
Indoor Environmental Quality	EQ 4.2 (low emitting materials)	1 pt.	Nello applies all of its paints and coatings at the factory during the manufacturing process. On-site indoor air quality is not affected in any way.
Indoor Environmental Quality	EQ 8.1, 8.2, & 8.3	1-3 pts.	Full glass walls allow daylight to pass from area to area and maintains line-of-sight to the outdoors. Clerestory applications allow some light to pass.
Innovation	ID1	1-3 pts.	Nello Wall was designed by Frank Ghery to provide Flexibility throughout the life of the building. The environmental benefits are numerous – quick moves without downtime and dust, flexible electric power, no waste for landfill, lower lifecycle cost, and improved indoor air quality to name a few.



LEED NC – New Construction

Category	Item	Credit	Contribution
Materials & Resources	MR 2.1	1 pt.	Nello Movable Walls are manufactured to fit building dimensions and eliminate construction waste. In traditional drywall construction more than 10% is scrap that ends up in a landfill. Almost a third of all landfill results from construction waste, and more than half of that is from commercial buildings.
Materials & Resources	MR 4.1 & 4.2 (recycled content)	1-2 pts.	Post-consumer 18% + ½ pre-consumer (14%) = 25%.

LEED EB – Existing Buildings

Materials & Resource	MR 2.1 – 2.5	1-5 pts.	Exceeds the 10% post-consumer or the 20% pre-consumer criteria.
Indoor Environmental Quality	EQ 8.1, 8.2, & 8.3	1-3 pts	Full glass walls allow daylight to pass from area to area and maintains line-of-sight to the outdoors. Clerestory applications allow some light to pass from area to area.



OTHER CREDIT CONTRIBUTIONS

Nello has other programs that can contribute to LEED credits. For example, many of our projects can be shipped on Nello trucks and be blanket wrapped eliminating the need to handle or recycle protective packaging.

Our packaging is recyclable.

Both of the above help support NC & CI – MR 2.1 & 2.2 construction waste management or EB – MR 1.1 source reduction & waste management.

Also, our long product life cycle helps support NC – MR3.1 & 3.2 material reuse, and EB – MR 1.1 source reduction and waste management.