

LEED® Credits: Commercial Interiors v2 & v3

Generation by Knoll®

CI v2 & v3 ●

EB v2 ○

EB v3 ○

NC v2.2 & v3 ○

Generation by Knoll may contribute to achieving the following LEED Credits.

Credit	Intent	Generation by Knoll®
CORE AREAS		
MR Credit 3.2 Materials Reuse: 30% Furniture and Furnishings	To reuse building materials and products to reduce demand for virgin materials and reduce waste, thereby reducing impacts associated with the extraction and processing of virgin resources.	▶ Generation is designed for durability with a 10-year warranty and is easy to refurbish for continuous use in a second life.
MR Credit 4.1 and 4.2 Recycled Content 10%, 20% (Post-consumer + 1/2 post-industrial)	To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.	▶ The typical Generation chair with plastic base has 40% recycled content (8% post-consumer, 32% post-industrial). The typical Generation chair with aluminum base has 46% recycled content (15% post-consumer, 31% post-industrial)
MR Credit 5.1 Regional Materials	To increase the demand for building materials and products that are extracted and manufactured within the region, thereby supporting the regional economy and reducing the environmental impacts resulting from transportation.	▶ Generation may contribute to this credit depending on project location. The chair is manufactured in East Greenville, Penn.
IEQ Credit 4.5 Low-Emitting Materials, Systems Furniture and Seating	To reduce the use of furniture assemblies that may release indoor air contaminants that are odorous or potentially irritating and might be deleterious to installer and occupant health, comfort and well-being.	▶ Generation is GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children & Schools SM certified. Certificates are available for download at www.greenguard.org .
INNOVATION IN DESIGN		
ID Credit 1	To provide design teams and projects the opportunity to achieve exceptional performance above the requirements set by the LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED Green Building Rating System.	
SMaRT® Certification	SMaRT Certification requires the completion of a Life Cycle Assessment (LCA) process, which ensures that all key materials and processes are captured and converted into environmental impacts.	▶ Generation is SMaRT Sustainable Platinum certified. SMaRT is a transparent, quantified sustainable product standard that measures environmental impacts throughout the global supply chain. SMaRT Sustainable Product Standards were approved on May 4, 2007, as part of the LEED Green Building Rating System based on their compliance with 24 comprehensive sustainable product certification criteria. Certificates are available for download at http://mts.sustainableproducts.com

LEED® Credits CI v2 & v3: Generation by Knoll® *continued*

Credit	Intent	Generation by Knoll®
Low Emitting Materials Systems Furniture & Seating (LEED CI v2/v3 IEQc4.5)	To reduce the use of furniture assemblies that may release indoor air contaminants that are odorous or potentially irritating and might be deleterious to installer and occupant health, comfort and well-being.	▶ Generation is GREENGUARD Children & Schools SM certified, which is exemplary performance (the more stringent 25 ppb Formaldehyde) over LEED CI v2 GREENGUARD Certificate requirements of 50 ppb Formaldehyde.

SUPPLEMENTARY AREAS

MR Credit 2.1 and 2.2 Construction Waste Management (Divert 50%, 75%)	To divert construction and demolition debris from disposal in landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites.	▶ While this credit is not specific to products, Generation packing materials include corrugated cardboard, a polyethylene bag and wood pallets. These materials are recyclable in many markets, which can reduce landfill disposal. Generation can be ordered assembled, which can reduce packaging usage.
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Generation by Knoll offers a new standard of comfort and unrestrained movement, supporting the range of postures and work styles typical of today's workplace.

Clean Manufacturing Technologies

- ▶ No ozone-destroying chlorofluorocarbons (CFCs)
- ▶ Hot melt adhesive process is 99% VOC-free
- ▶ Returnable packaging is used for chair component parts
- ▶ Manufactured in a LEED® Gold, ISO 14001 certified facility
- ▶ 100% of electricity used at the site is offset by wind energy

Materials

- ▶ Constructed using minimal materials
- ▶ Constructed with 40% (plastic base version) to 46% (aluminum base version) recycled materials
- ▶ 39% (plastic base) to 54% (aluminum base) of parts are readily recyclable
- ▶ Available with 20+ environmental upholstery fabrics
- ▶ Integrally colored polymer and burnished aluminum parts require no coating, minimizing materials and eliminating VOCs
- ▶ No polyvinyl chloride (PVC)