

LEED® Credits: Existing Building v2

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 2.1–2.5 Optimize Use of Alternative Materials (10% post-consumer or 20% post-industrial material)	To reduce the environmental impacts of the materials acquired for use in the operations and maintenance of buildings and in the upgrading of building services.	▶ The typical Generation chair with plastic base has 38% recycled content (8% post-consumer, 30% post-industrial). The typical Generation chair with aluminum base has 44% recycled content (17% post-consumer, 27% post-industrial)
INNOVATION IN DESIGN		
ID Credit 1.1 – 1.4 Innovation in upgrades, operations and maintenance	To provide building operation, design teams and projects the opportunity to be awarded points for exceptional performance above the requirements set by the LEED–EB Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED–EB 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
Low Emitting Materials Furniture and Furnishings (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 Indoor Air Quality Certified® and GREENGUARD Children & Schools SM certified. Certificates are available for download at www.greenguard.org
SUPPLEMENTARY AREAS		
MR Credit 5.1 – 5.3 Occupant Recycling (divert/recycle 30%, 40%, 50% of total waste stream)	To facilitate the reduction of waste and toxins generated by building occupants and building operations that are hauled to and disposed of in landfills.	▶ 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.
IEQ Credit 10.3 Green Cleaning Policy	To reduce exposure of building occupants and maintenance personnel to potentially hazardous chemical, biological and particular contaminants which adversely impact air quality, health, building finishes, building systems, the environment and reduced deposition of contaminants in the buildings.	▶ Generation is designed to be cleaned with low environmental impact cleaning fluids when specified with fabrics with cleaning codes W or W-S. Visit www.knoll.com/techdoc/kt_cleaning.pdf

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 38% (plastic base version) to 44% (aluminum base version) recycled materials
- ▶ 39% (plastic base) to 54% (aluminum base) of parts are readily recyclable
- ▶ Available with 35+ environmental upholstery fabrics
- ▶ Integrally colored polymer and burnished aluminum parts require no coating, minimizing materials and eliminating VOCs
- ▶ No polyvinyl chloride (PVC)