

LEED® Credits: Existing Buildings 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 2 Sustainable Purchasing Durable Goods (furniture) (10% post-consumer and/or 20% post-industrial material)	To reduce the environmental and air quality impacts of the materials acquired for use in the operations and maintenance of the buildings.	▶ 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 Operations	To provide building operations maintenance and upgrade teams with the opportunity to achieve additional environmental benefits achieved beyond those already addressed by the LEED v3 for Existing Buildings: Operations & Maintenance 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 by Knoll 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 & SchoolsSM certified. Certificates are available for download at www.greenguard.org
SUPPLEMENTARY AREAS		
MR Credit 6.1 Waste Stream Audit	To facilitate the reduction of ongoing waste and toxins generated by building occupants and building operations that are hauled to and disposed of in landfills or incineration facilities.	▶ 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.
IEQ Credit 3.1 Green Cleaning High-performance cleaning program	To reduce the exposure of building occupants and maintenance personnel to potentially hazardous chemical, biological and particular contaminants, which adversely effect air quality, human health, building finishes, building systems and the environment.	▶ 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 (PVCs)