

# Sustainability Overview

## Generation by Knoll®

Generation by Knoll reflects our commitment to sustainable design. Developed using Knoll Design for the Environment Guidelines, the chair's construction optimizes material efficiency, reduces the amount of energy and material used in assembly and minimizes manufacturing waste. Generation has undergone a Life Cycle Assessment (LCA), a rigorous, independently audited process that evaluates the environmental attributes of a product throughout its total life. Generation is warranted for 24-hour, 7 days a week, multi shift use for 12 years. See the Knoll Selling Policy for further details.

Designed by Formway Design for Knoll  
sithowyouwant.com

### Manufacturing

Generation is manufactured in our LEED® Gold and ISO 14001 certified Lubin Manufacturing Facility using clean technologies:

- ▶ No ozone-destroying chlorofluorocarbons (CFCs)
- ▶ Adhesive processes are 99% VOC-free
- ▶ Returnable packaging is used for chair component parts
- ▶ 100% of electricity used at the site is offset by wind energy

#### Rapidly Renewable Material

Flex Back Net made using rapidly renewable material from corn by-products; chair is more than 2% rapidly renewable by weight

#### Efficient Use of Materials

Constructed using minimal materials

#### Recycled Content

Constructed with 38% (plastic base) to 44% (aluminum base) recycled materials

#### Recyclable Content

39% (plastic base) to 54% (aluminum base) of parts are readily recyclable

### Generation and SMaRT®

Generation is the first product in the furniture industry to be rated Sustainable Platinum by the SMaRT® Sustainable Product Standard. SMaRT® is a comprehensive, transparent, sustainable product standard that measures a product's environmental, economic and social benefits over its life cycle and throughout its global supply chain, from raw materials extraction through reclamation or re-use.

### Generation and level®

Generation is BIFMA level® 3 certified. BIFMA has established level® as a common framework against which to evaluate the environmental and social responsibility of a variety of products.

### Generation and GREENGUARD®

Generation is GREENGUARD Indoor Air Quality Certified® and GREENGUARD for Children & SchoolsSM certified.

### Generation and LEED®

Generation can contribute to achieving LEED® credits for Commercial Interiors, New Construction and Existing Buildings. (See reverse.)

#### GREENGUARD®

GREENGUARD Indoor Air Quality Certified® and GREENGUARD for Children & SchoolsSM certified

#### Environmental Product Certifications

Smart® sustainable Platinum  
BIFMA level® 3

#### Environmental Fabrics

Available with 35+ environmental fabrics from KnollTextiles, which are GREENGUARD Indoor Air Quality Certified® and can be cleaned with low environmental impact fluids, including GS-37 certified products

#### Structural Components

Integrally colored polymer parts and cast, burnished aluminum parts require no coating, minimizing materials and eliminating Volatile Organic Compounds (VOCs)



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### Potential LEED® Credit Areas

#### Commercial Interiors

- ▶ MR Credit 3.2 - Materials Reuse
- ▶ MR Credit 4 - Recycled Content
- ▶ MR Credit 5.1 - Regional Materials
- ▶ IEQ Credit 4.5 - Low-Emitting Materials, Systems Furniture and Seating
- ▶ ID Credit 1 - Innovation in Design
- ▶ MR Credit 2 - Construction Waste Management

#### New Construction

- ▶ MR Credit 3 - Materials Reuse
- ▶ MR Credit 4 - Recycled Content
- ▶ MR Credit 5 - Regional Materials
- ▶ ID Credit 1 - Innovation in Design
- ▶ Sustainable Cleaning - Products and Materials
- ▶ MR Credit 2 - Construction Waste Management

#### Existing Buildings

- ▶ MR Credit 2 - Sustainable Purchasing, Durable Goods (furniture)
- ▶ IEQ Credit 3.1 - Green Cleaning High-performance cleaning program
- ▶ IO Credit 1.1 – 1.4 - Innovation in Operations
- ▶ MR Credit 6.1 - Waste Stream Audit