

# LEED® Credits: Existing Building v3.0

## Template™

CI ○  
EB v2 ○  
EB v3 ●  
NC ○

Template consolidates a range of storage options, defines space in the open plan environment, and creates efficient open plan and private offices. Template is GREENGUARD Indoor Air Quality® certified and SMaRT® Sustainable Gold certified.

### Clean Manufacturing Technologies

- ▶ Water-based adhesives used to adhere laminate to substrate 99% VOC-free.
- ▶ Powder coating on metal virtually VOC-free.
- ▶ Powder and UV-cured wood coatings virtually VOC-free.

### Materials

- ▶ 20–24% recycled content steel.
- ▶ 15–20% recycled content aluminum.
- ▶ Steel and aluminum components recyclable.
- ▶ Recycled content particleboard.
- ▶ FSC-certified standard for laminate and North American veneer surfaces.
- ▶ Screens available with recycled content fabric.

The sustainable design of Template can help customers achieve the following New Construction LEED Credits:

### Core Areas

#### MR Credit 2.2 Sustainable Purchasing – Durable Goods

**Intent:** To reduce the environmental and air quality impacts of the materials required for use in the operations and maintenance of the building.

- ▶ Template product contains more than 10% post-consumer and 20% post-industrial recycled content.
- ▶ The wood materials used to construct Template are FSC chain-of-custody-certified when using laminate or North American veneer surfaces.

#### MR Credit 4 – Sustainable Purchasing: Reduced Mercury in Lamps

**Intent:** To establish and maintain a toxic material source reduction program to reduce the amount of mercury brought on to the building site through purchases of lamps.

- ▶ Low-mercury lighting is supplied with the Template system. Lighting with a mercury content of less than 90 picograms/lumen hour of light output can be supplied.

#### EA Credit 2.4 – Daylight and Views

**Intent:** Provide for the occupants a connection between indoor spaces and the outdoors through the instruction of daylight and views into the regularly occupied area of the tenant space.

- ▶ Template can be specified with glazing and lower panel heights to help achieve these points.

### Supplementary Areas

#### MR Credit 6 – Waste Stream Audit

**Intent:** 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.

- ▶ Knoll may contribute to this credit through the use of recyclable and bulk packaging. Knoll packing materials include corrugated cardboard, expanded polystyrene foam and wood pallets. These materials are recyclable in many markets, which can reduce landfill disposal. Bulk packs also reduce the amount of packing materials required.

#### EQ Credit 3 – Green Cleaning

**Intent:** 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.

- ▶ Template is designed to be cleaned with low environmental impact cleaning fluids.

### Innovation in Design

#### ID Credit 1

**Intent:** 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 LEED-EB Rating System.

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## LEED® Credits EB v3.0: **Template™** *continued*

### **Low Emitting Materials – Systems Furniture & Seating** (LEED CI v2/v3 EQc4.5)

**Intent:** 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.

- ▶ Template is GREENGUARD Indoor Air Quality Certified®.

### **SMaRT® Certification**

Knoll currently has several products with SMaRT Certification and others in process. Template, Calibre Storage, Life, Chadwick, Moment and Generation by Knoll have all been SMaRT certified and can be used for this credit. Unlike other certification programs, SMaRT is a transparent, quantified sustainable product standard that measures environmental impacts throughout the global supply chain. SMaRT (Sustainable Materials Rating Technology) Sustainable Product Standards were approved on May 4th, 2007 as part of the LEED Green Building Rating System based on their compliance with 24 comprehensive sustainable product certification criteria. <http://mts.sustainableproducts.com>

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.

- ▶ GREENGUARD for Children and Schools Product Certification.
- ▶ No polyvinyl chloride (PVC) or other toxic chemicals.

### **Comprehensive Ergonomic Policy + Program**

The USGBC has approved the implementation of a comprehensive ergonomic program as an innovation credit. Knoll products, such as task seating, monitor arms and keyboard trays, can contribute to this point along with an ergonomic training program for employees, which Knoll can provide.