

# LEED® Credits: Existing Building v2.0

## 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 2.1–2.5 – Optimize Use of Alternative Materials

**Intent:** Reduce the environmental impacts of the materials acquired for use in the operations and maintenance of buildings and in the upgrading of building services.

Template can help in the following areas:

- ▶ Contains at least 10% post-consumer or 20% post-industrial material.
- ▶ Comes standard with FSC certified wood for laminate and North American veneer surfaces.
  - ▶ The standard Template office system has a combination of post-consumer and ½ post-industrial recycled content that is greater than 20%.
  - ▶ Bamboo veneers can be specified for rapidly renewable instead of standard wood veneers with a special request and additional costs.
  - ▶ Template worksurfaces are standard with FSC cores for Certified Wood.

#### EQ Credit 8.1, 8.2, 8.3 and 8.4 – 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 panel heights to help achieve these points.

### Supplementary Areas

#### MR Prerequisite 2 – Toxic Material Source Reduction

**Intent:** Establish and maintain a toxic material source reduction program to reduce the amount of mercury brought into buildings through purchases of light bulbs.

- ▶ Low-mercury lighting is supplied with products specified. Lighting with a mercury content of less than 100 picograms/lumen hour of light output can be supplied. 48-inch and 60-inch wide task lights only. Phillips lights available as special in all sizes except 18-inch wide.

#### MR Credit 6 – Additional Toxic Material Source Reduction: 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 80 picograms/lumen hour of light output can be supplied with a special request. 48-inch and 60-inch wide task lights only. Phillips lights available as special in all sizes except 18-inch wide.

#### EQ Credit 10.3 – Green Cleaning Policy

**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.

*continued*

- ▶ Have in place a green cleaning policy for the building and site. Template is designed to be cleaned with low environmental impact cleaning fluids, including GS-37 products.

## 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.

### 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.