

# LEED® Credits: New Construction v2.2 & v3

## Essentials Work Chairs™

CI v2 & v3 ○

EB v2 ○

EB v3 ○

NC v2.2 & v3 ●

Essentials Work Chairs may contribute to achieving the following LEED Credits.

Credit	Intent	Essentials Work Chairs™
<b>CORE AREAS</b>		
<b>MR Credit 3.1 and 3.2</b> Materials Reuse 5%, 10%	To reuse building materials and products to reduce demand for virgin materials and reduce waste, thereby lessening impacts associated with the extraction and processing of virgin resources.	<ul style="list-style-type: none"> <li>▶ Essentials Work Chairs are designed for durability with a 10 year warranty and can be reused on many building projects.</li> </ul>
<b>MR Credit 4.1 and 4.2</b> Recycled Content 10%, 20% (Post-consumer + 1/2 post-industrial)	To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.	<ul style="list-style-type: none"> <li>▶ The typical EWC Pro Mid-back task chair has 25% recycled content (11% post-consumer, 14% post-industrial)</li> <li>▶ The typical EWC Pro High-back task chair has 25% recycled content (11% post-consumer, 14% post-industrial)</li> <li>▶ The typical EWC Pro side chair has 30% recycled content (2% post-consumer, 28% post-industrial)</li> <li>▶ The typical EWC Tech task chair has 10% recycled content (5% post-consumer, 5% post-industrial)</li> <li>▶ The typical EWC Tech side chair has 31% recycled content (1% post-consumer, 30% post-industrial)</li> <li>▶ The typical EWC Sport task chair has 25% recycled content (11% post-consumer, 14% post-industrial)</li> </ul>
<b>MR Credit 5</b> Regional Materials (10%, 20% manufactured within 500 miles)	To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.	<ul style="list-style-type: none"> <li>▶ Essentials Work Chairs may contribute to this credit depending on the project location. The chairs are manufactured in East Greenville, Penn.</li> </ul>
<b>INNOVATION IN DESIGN</b>		
<b>ID Credit 1</b>	To provide design teams and projects the opportunity to achieve exceptional performance above the requirements set by the LEED Green Building Rating System and/or innovative performance in Green Building categories not specifically addressed by the LEED Green Building Rating System.	
<b>Low Emitting Materials</b> 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.	<ul style="list-style-type: none"> <li>▶ Essentials Work Chairs are GREENGUARD Indoor Air Quality Certified® and GREENGUARD Children &amp; Schools™ certified. Certificates are available for download at <a href="http://www.greenguard.org">www.greenguard.org</a></li> </ul>

Credit	Intent	Essentials Work Chairs™
<b>Sustainable Cleaning Products and Materials</b> (LEED EB v2 IEQc3.4)  <b>Sustainable Cleaning Products and Materials</b> (LEED EB v3 IEQc3.4-3.6)	To reduce the exposure of building occupants and maintenance personnel to potentially hazardous chemical, biological and particular contaminants which adversely affect air quality, human health, building finishes, building systems, and the environment.	▶ Essentials Work Chairs are designed to be cleaned with low environmental impact cleaning fluids when specified with fabrics with cleaning code W or W-S. Visit <a href="http://www.knoll.com/techdoc/kt_cleaning.pdf">www.knoll.com/techdoc/kt_cleaning.pdf</a>
<b>SUPPLEMENTARY AREAS</b>		
<b>MR Credit 2.1 and 2.2</b> Construction Waste Management	To divert 50–75% construction and demolition debris from disposal in landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites.	▶ While this credit is not specific to products, Essentials Work Chairs packing materials include corrugated cardboard, a polyethylene bag and wood pallets. These materials are recyclable in many markets, which can reduce landfill disposal. Essentials Work Chairs can be ordered assembled, which can reduce packaging usage.

Essentials Work Chairs are a family of easy-to-use, comfortable and affordable chairs.

**Clean Manufacturing Technologies**

- ▶ No ozone-destroying chlorofluorocarbons (CFCs)
- ▶ Hot melt adhesive process is 99% VOC-free.
- ▶ Powder coat 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 with 9% – 34% recycled materials, depending on chair model.
- ▶ 48% – 76% of parts are readily recyclable, depending on chair model.
- ▶ Integrally colored polymer parts require no coating, minimizing materials and eliminating VOCs
- ▶ No polyvinyl chloride (PVC)