

LEED® Credits: New Construction v2.2 & v3.0

Reff®

CI ○
EB v2 ○
EB v3 ○
NC ●

Reff combines clean lines, rich textures and solid wood craftsmanship to bring a classic aesthetic to the workplace. Reff is GREENGUARD Indoor Air Quality Certified®.

Clean Manufacturing Technologies

- ▶ Water-based adhesives used to laminate wood veneer surfaces and fabric panels 99% VOC-free.
- ▶ Water-based wood stains virtually VOC-free.
- ▶ Water-based UV-cured polyurethane wood top coats virtually VOC-free.

Materials

- ▶ Up to 25% recycled content steel and aluminum.
- ▶ 100% recycled content particleboard.
- ▶ FSC-certified standard for laminate and North American veneer surfaces.
- ▶ Available with 100% recycled content fabric.
- ▶ Steel components recyclable.

The sustainable design of the Reff office system can help customers achieve the following New Construction LEED Credits:

Core Areas

MR Credit 3.1 and 3.2 – Materials Reuse 5%, 10%

Intent: Reuse building materials and products in order to reduce demand for virgin materials and to reduce waste.

- ▶ Reff is designed to be refurbished for a second life, and new product is designed to be integrated with existing furniture systems.

MR Credit 4.1 and 4.2 – Recycled Content

Intent: Increase demand for building products that incorporate recycled material, reducing impacts resulting from extraction and processing of virgin materials.

- ▶ Standard Reff office system has a recycled content of more than 40 percent.

MR Credit 5.1 and 5.2 – Regional Materials

Intent: Increase the demand for building materials and products that are extracted and manufactured within the region.

- ▶ Help with this point will depend on project location.

MR Credit 6.0 – Rapidly Renewable Materials

Intent: Reduce the use of depletion of finite raw materials and long cycle renewable materials by replacing them with rapidly renewable materials.

- ▶ Bamboo veneer can be selected to construct worksurfaces.

MR Credit 7.0 – Certified Wood

Intent: Encourage environmentally responsible forest management.

- ▶ The wood materials used to construct Reff are chain-of-custody-certified from FSC-certified forests for laminate and North American Veneers.

EQ Credit 8.1 and 8.2 – Daylight and Views

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

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

Supplementary Areas

MR Credit 2.1 and 2.2 – Construction Waste Management

Intent: Divert 50–75% construction, demolition and land-clearing debris from disposal in landfills and incinerators. Redirect recyclable recovered resources back to the manufacturing process. Redirect reusable materials to appropriate sites.

- ▶ Knoll packing materials include corrugated cardboard, expanded polystyrene foam and wood pallets. These materials are recyclable in many markets, which can reduce landfill disposal.

continued

Innovation in Design

ID Credit 1.1 – 1.4

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–NC Rating System and/or innovative performance in Green Building categories not specifically addressed by LEED–NC 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.

- ▶ Reff is GREENGUARD Indoor Air Quality Certified®.

Toxic Material Source Reduction – Reduced Mercury in Light Bulbs (LEED EB v2 MRp2)

Sustainable Purchasing – Reduced Mercury in Light Bulbs (LEED EB v3 MRc4)

- ▶ Low-mercury lighting is supplied with products specified. Lighting with a mercury content of less than 90 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.

Sustainable Cleaning Products and Materials (LEED EB v2 MRc4)

Sustainable Cleaning Products and Materials (LEED EB v3 EQc3.4-3.6)

- ▶ Knoll products are designed to be cleaned with low environmental impact cleaning fluids.

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.