LEED® Credits: Existing Building v3.0
Reff®

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 Existing Building 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.

▶ Reff product contains more than 10% post-consumer and 20% post-industrial recycled content.

▶ The wood materials used to construct Reff are FSC chain-of-custody-certified when using laminate or North American veneer surfaces.

▶ Reff product can support Regional materials depending on project location.

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 Reff 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.

▶ Reff 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.

▶ Reff product 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.

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.

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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.