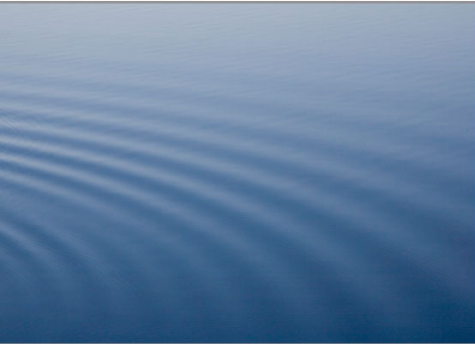


Knoll and Sustainable Design Morrison LEED® Credits

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Morrison

Designed by Andrew Morrison, Morrison creates open plan workstations and freestanding desks with refined detail, proven performance and enduring value. Morrison is GREENGUARD™ Indoor Air Quality Certified.

Clean Manufacturing Technologies

- Powder coating on metal virtually VOC-free
- Powder coating on metal components has resin usage rate of up to 95%
- UV-cured wood coating virtually VOC-free
- Powder coating on wood virtually VOC-free

Materials

- 20-30% recycled content steel
- 100% recycled content particleboard
- FSC-certified materials optional
- Available with 100% recycled content fabric
- Steel components recyclable

Commercial Interiors

The sustainable design of the *Morrison* office system can help customers achieve the following Commercial Interiors LEED Credits:

- EA Credit 1.1 - Optimize Energy Performance, Lighting Power

Intent: Achieve increasing levels of energy conservation below the pre-requisite standard to reduce environmental impacts associated with excessive energy use.

The standard *Morrison* task light is high efficiency with electronic ballast.

- MR Credit 3.3 - 30% Furniture and Furnishings

Intent: Reuse building and materials in order to reduce demand for virgin materials and reduce waste, thereby reducing impacts associated with the extraction and processing of virgin resources.

***Morrison* 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.

The standard *Morrison* office system has a recycled content of more than 40 percent.

Commercial Interiors

- 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 *Morrison* can be chain-of-custody-certified from FSC-certified forests.

Commercial Interiors

- EQ Credit 4.5 - Low-Emitting Materials, Furniture and Furnishings

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.

Morrison is GREENGUARD™ Indoor Air Quality Certified.

- EQ Credit 8.1, 8.2 and 8.3 - 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.

Morrison can be specified with glazing and panel heights to help achieve these points.

New Construction

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

- MR Credit 3.1 and 3.2 - Materials Reuse

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

***Morrison* 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.

The standard *Morrison* 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.

New Construction

- 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 *Morrison* can be chain-of-custody-certified from FSC-certified forests.

New Construction

- EQ Credit 4.4 - Low-Emitting Materials, Composite Wood and Laminate Adhesives

Intent: Reduce the quantity of indoor air contaminants that are odorous, potentially irritating and/or harmful to the comfort and well being of installers and occupants.

Core materials that contain no urea formaldehyde resins can be selected. In addition, the adhesives used to construct *Morrison* contain no urea-formaldehyde resins.

- 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.

***Morrison* can be specified with glazing and panel heights to help achieve these points.**

Existing Building

The sustainable design of the *Morrison* office system can help customers achieve the following Existing Building LEED Credits:

- MR Prerequisite 1.3 - Waste Management

Intent: Establish a source reduction program to reduce creation of waste and a recycling program to reduce waste stream.

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

- MR Credit 2.1, 2.2, 2.3, 2.4 and 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.

***Morrison* can help in the following areas:**

- **Contains at least 10% post-consumer or 20% post-industrial material.**
- **Can be ordered with rapidly renewable work surfaces.**
- **Can be ordered with FSC certified wood.**

***Morrison* has a recycled content of more than 40 percent.**

Existing Building

- MR Credit 4.0 - Sustainable Cleaning Products and Materials

Intent: Avoid exposure of building occupants and maintenance personnel to potentially hazardous chemical, biological and particle contaminants, which adversely impact air quality, health, building finishes and systems, and the environment.

Morrison is designed to be cleaned with low environmental impact cleaning fluids.

- 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 day light and views into the regularly occupied area of the tenant space.

Morrison can be specified with glazing and panel heights to help achieve these points.