| v3 - LEED 2009

Furniture and medical furnishings

MRc5 | Possible 2 points

Glossary

Intent

To enhance the environmental and human health performance attributes associated with freestanding furniture[1] and medical furnishings products.

Requirements

A percentage of the total value of all freestanding furniture and medical furnishings, including mattresses, foams, panel fabrics, cubicle curtains, window coverings, and other textiles, used in the project (based on cost) must meet the criteria in one of the three options below. The minimum percentage for each point is as follows:

Built-in casework and built-in millwork items must be included in the base building calculations, even if manufactured offsite. The dollar value of any individual product may be included in the total qualifying value if the product meets the criteria of any of the three options.

Option 1

All components of a furniture or medical furnishing assembly, including textiles, finishes and dyes, must contain less than 100 parts per million (ppm) of at least four of the five following chemical groups:

- Urea formaldehyde.
- Heavy metals including mercury, cadmium, lead, antimony.
- Hexavalent chromium in plated finishes consistent with the Restriction of the Use of
- Certain Hazardous Substances of the European Union Directive (EU RoHS).
- Stain and non-stick treatments derived from Perfluorinated Compounds (PFCs), including Perfluorooctanoic Acid (PFOA).
- Added antimicrobial treatments.

If the total weight is more than five percent of the product by weight, furniture components must be included.

Option 2

All components of a furniture or medical furnishing assembly,(including textiles, finishes and dyes, must contain less than 100 parts per million (ppm) of at least two of the five chemicals of materials listed in Option 1 AND the product must meet or exceed the indoor air quality requirements of California's Special Environmental Requirements, Specifications Section 01350, updated with California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers version 1.1 (CDPH/EHLB StandardMethod v1.1) as determined by independent laboratory testing and using the standard office building furniture protocol parameters.

The following programs currently utilize 01350 requirements for compliance for furniture:

- Scientific Certification Systems (SCS) Indoor Advantage Gold Environmental Certification Program
- Greenguard Product Emission Standard for Children & Schools

Option 3

All components of a furniture or medical furnishing assembly, including textiles, finishes and dyes, must meet the sustainably sourced materials criteria (salvaged, recycled, rapidly renewable, FSC-certified wood, local manufactured) of the MR Credit 3: Sustainably Sourced Materials and Products. Note: Furniture and medical furnishings do not contribute to MR Credit 3.