

MultiSort™ Modular Millwork™ :

Sustainability & The Environment

Sustainability: ability to maintain; to keep in existence or prolong;
ability to endure; withstand.

Sustainable Design: 1) creating interiors that endure the rigors of daily work; interiors that are flexible to change with the inevitable changes in space and business processes that occur to facilitate ongoing productivity

2) creating interior workspaces utilizing materials and processes that minimize adverse environmental impacts and maximize occupant safety and well-being.

Precycling (Defined):

Precycling is specifying products that are designed to be used again and again as space and needs change, thus avoiding obsolescence or disposal. It's planning now for the inevitability of future change. Precycling avoids the need to recycle.

Modular Millwork facilitates Precycling because it is easily changed and/or added to - not thrown away and replaced each time space or needs change. It is easily reconfigured and/or relocated to create a new service life.

And, Modular Millwork supports "Green" principles with a product that is designed and manufactured to be environmentally sensible and which conserves earth's resources.

Green Aspects of Modular Millwork Components:

1. **Wood Panels:** Made of 100% Recycled Industrial Particleboard (3/4" thickness)
- Conforms to ANSI std 208.1-1999 (performance standard)
 - Conforms to ANSI std A208.1-1993 B (formaldehyde emissions standard) rated at .2 ppm, 50% lower than normally acceptable commercial levels.
 - Complies with Sustainable Forestry Initiative (SFI) Program of the America Forest & Paper Assn.
 - Carries "Green Cross" label from Scientific Certification Systems (SCS) certifying recovered/recycled content @ 100%

2. Surfacing:

Thermoset Laminates -

Most environmentally sensible method of delivering decorative laminate finishes to point of use.

Factory Controlled Production Environment:
(minimizes VOC's & offgas w/filtering)
(higher raw mtl. yields/lower waste)

Eliminates site laminating

- No hazardous solvents/chemicals to clean up
- No VOC's released in workspace
- No raw materials waste created
- No air-born contaminants created/released

Bactericidal Surfacing-

100% Natural Product
Natural raw ingredients are Linseed Oil, Pine Rosin, Limestone, Wood Flour, Cork Flour, Pigments and Jute.

Bactericidal properties of linoleum prevent microorganisms including Salmonella Typhimurium & Staphylococcus Aureus from multiplying themselves. Bactericidal properties of Marmoleum have been tested by both the TNO (Netherlands Organization for Applied Scientific Research) and NAMSA (US Scientific Institute).

Further testing recently carried out by TNO (August 1998) demonstrated that Marmoleum has the same bactericidal properties against MRSA (Methiciline Resistant Staphylococcus Aureus). MRSA is antibiotic resistant and infections caused by this notorious hospital bacterium are very difficult to treat.

Summary - the inherent, anti-microbial, anti-static properties of Bactericidal Surfacing combined with its simplified low-cost maintenance makes for an excellent surface alternative whenever a durable, hygienic worksurface is desired.

HPL/Stainless/Solid-

Alternative surfaces available as needed (no "all-or-nothing")

3. Edging:

Long lasting, durable and chip resistant solid 3mm PVC
In a variety of colors ensures long service life.

Applied with water based Hot Melt Glue adhesive
(pressure applied to form continuous edge seal)

**4. Organizers:
(Sorters)**

Made of 100% Polystyrene (high impact plastic):

- Non-Toxic, Non-Combustible
- 100% inert (no offgas, no absorption or emissive properties)
- Non-reactive to most common chemicals - no PH

Polystyrene is safe for food packaging (#1 use) and is also used for crash helmets, roller blades, etc. due to high-impact resistance and tensile strength.

100% Recyclable (Gray & Black colors)

Black Organizers - already 100% recycled

Environmentally sound Swiss production facility:

Our dedicated, state of the art Swiss injection molding facility (Steinen, CH) is certified as a "Blue Angel" facility by the Swiss Environmental Bureau.

- 100% recyclable polystyrene is used for all injection molded product comprising MultiSort Organizers & Components.
- Polystyrene feedstock is certified to be at least 33% post-consumer recycled.
- 100% of production waste is recovered & regenerated into new products for industrial/business use.
- Warehousing/production facilities are heated by thermal energy captured from the injection molding machines.
- Cooling for machines and plant is harvested from groundwater at 80 meters below the surface. The water, from alpine runoff, is stabilized to natural temperature before being released back into the earth with zero contaminants.
- No oil or gas(fossil fuels) are used to heat or cool the plant.

Transparent Backs/Components

- Use ambient/natural light (daylight harvesting) to improve visibility and productivity which reducing user eyestrain & fatigue.

5. Metal Finishes:

100% Powder Coat Painted Structural Frames:

Most Environmentally sound paint process

- No solvents to liquefy/clean paints
- No VOC's produced or released
- Minimum wasted raw materials
- Longest lasting/most durable finish

Additional User Considerations

Ergonomic System

Modular Millwork is easy to adjust/reconfigure for ongoing worker comfort & productivity.

Transparent components reduce eyestrain and improve comfort and performance.

Modular System

- Flexible
- Reconfigurable
- Relocatable

Summary: Modular Millwork is a truly "Sustainable" product.